FCC SAR TEST REPORT

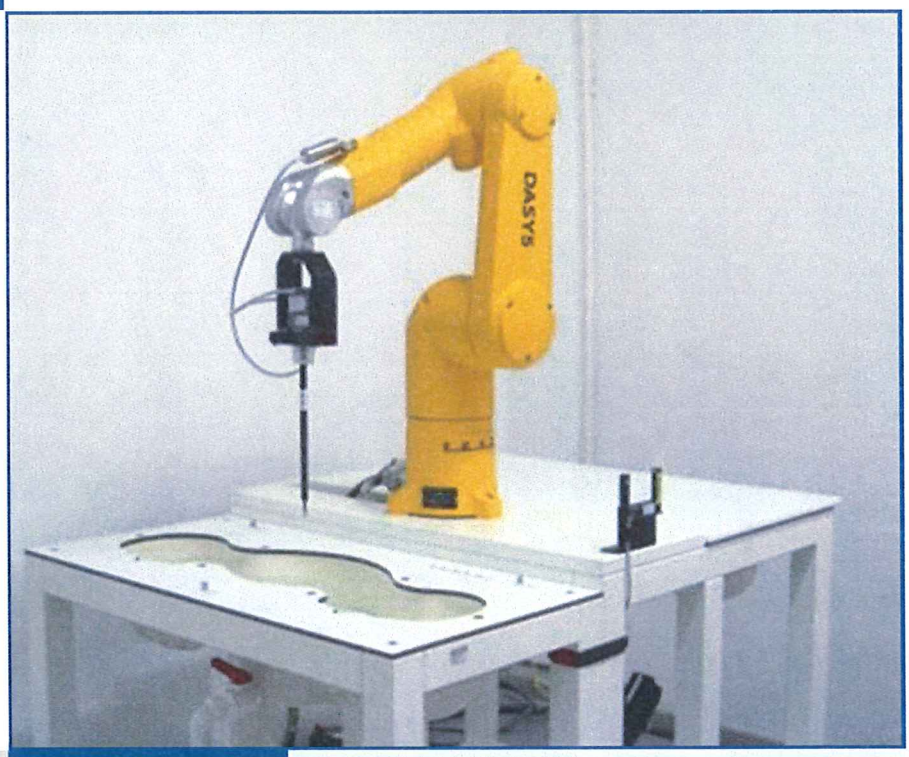
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Mobile Phone

ISSUED TO
Realme Chongqing Mobile Telecommunications Corp., Ltd.

No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China



Tested by: Zong Liyao
Zong Liyao
Date Feb. 26, 2021

Approved by:
Wei Yanquan
(Chief Engineer)
Date Feb. 26, 2021

Report No.:	BL-SZ2110327-701
EUT Name:	Mobile Phone
Model Name:	RMX3081
Brand Name:	realme
FCC ID:	2AUYFRMX3081
Test Standard:	FCC 47 CFR Part 2.1093
	ANSI C95.1: 1999, IEEE 1528: 2013
Maximum SAR:	Head (1 g): 1.087 W/kg
	Body (1 g): 0.455 W/kg
	Hotspot (1 g): 1.088 W/kg
Test Conclusion:	Pass
Test Date:	Jan. 23, 2021 ~ Feb. 19, 2021
Date of Issue:	Feb. 26, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Feb. 26, 2021	Initial Issue

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1 GENERAL INFORMATION

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Test Environment Condition

Ambient Temperature	21.5℃ to 23℃
Ambient Relative Humidity	35% to 47%
Ambient Pressure	100 KPa to 102 KPa

1.4 Announce

(1) The test report reference to the report template version v2.2.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.2 Manufacturer Information

Manufacturer	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.3 Factory Information

Factory	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	RMX3081
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI V2.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Ancillary Equipment 1	Battery	
	Brand Name	realme
	Model No.	BLP837
	Serial No.	N/A
	Capacitance	Rated: 4400mAh/17.02Wh Typical: 4500mAh/17.41Wh
	Rated Voltage	3.87 V
	Limited Voltage	4.45 V

2.6 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/DC-HSUPA/ HSPA+ Band 1/2/4/5/8 4G Network LTE FDD Band 1/2/3/4/5/7/8/12/17/26/28/66 LTE TDD Band 38/41 CA Downlink (DL): CA_1C, CA_2C, CA_3C, CA_7C, CA_38C, CA_41C Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BDS, Galileo
Note : The EUT is a mobile phone, which supports dual SIM card under the same transceiver. Each SIM supports GSM, WCDMA and LTE, and both SIM share the same transmitting electro circuit, NV parameters, so only SIM1 was tested in this report.	

The requirement for the following technical information of the EUT was tested in this report:

Operating Mode	GSM, WCDMA, LTE, 2.4G WLAN, 5G WLAN, Bluetooth		
Frequency Range	GSM 850	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	GSM 1900	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	WCDMA Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	WCDMA Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 2	TX: 1850 ~ 1910 MHz	RX: 1930 ~ 1990 MHz
	LTE Band 4	TX: 1710 ~ 1755 MHz	RX: 2110 ~ 2155 MHz
	LTE Band 5	TX: 824 ~ 849 MHz	RX: 869 ~ 894 MHz
	LTE Band 7	TX: 2500 ~ 2570 MHz	RX: 2620 ~ 2690 MHz
	LTE Band 12	TX: 699 ~ 716 MHz	RX: 729 ~ 746 MHz
	LTE Band 17	TX: 704 ~ 716 MHz	RX: 734 ~ 746 MHz
	LTE Band 26	TX: 814 ~ 849 MHz	RX: 859 ~ 894 MHz
	LTE Band 38	TX: 2570 ~ 2620 MHz	RX: 2570 ~ 2620 MHz
	LTE Band 41	TX: 2535 ~ 2655 MHz	RX: 2535 ~ 2655 MHz
	LTE Band 66	TX: 1710 ~ 1780 MHz	RX: 2110 ~ 2180 MHz
	802.11b/g /n(HT20/HT40)	2412 ~ 2462 MHz	
	802.11a/ /n(HT20/HT40) /ac(VHT20/VHT40 /VHT80)	5150 ~ 5250 MHz	
		5250 ~ 5350 MHz	
		5470 ~ 5725 MHz	
		5725 ~ 5850 MHz	
	Bluetooth	2402 ~ 2480 MHz	
Antenna Type	WWAN: PIFA Antenna WLAN: PIFA Antenna Bluetooth: PIFA Antenna		
DTM	Support		
Hotspot Function	Support		

Power Reduction	Support	
Exposure Category	General Population/Uncontrolled exposure	
EUT Stage	Portable Device	
Product	Type	
	☒ Production unit	☐ Identical prototype

3 SUMMARY OF TEST RESULT

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	ANSI/IEEE Std. C95.1-1999	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
3	IEEE Std. 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
4	FCC KDB 447498 D01 v06	Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies
5	FCC KDB 941225 D01 v03r01	3G SAR MEAUREMENT PROCEDURES
6	FCC KDB 941225 D05 v02r05	SAR Evaluation Considerations for LTE Devices
7	FCC KDB 941225 D06 v02r01	SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities
8	FCC KDB 865664 D01 v01r04	SAR Measurement 100 MHz to 6 GHz
9	FCC KDB 865664 D02 v01r02	RF Exposure Reporting
10	FCC KDB 648474 D04 v01r03	SAR Evaluation Considerations for Wireless Handsets
11	KDB 248227 D01 v02r02	SAR Guidance for IEEE 802.11 (Wi-Fi) Transmitters

3.2 Device Category and SAR Limit

This device belongs to portable device category because its radiating structure is allowed to be used within 20 centimeters of the body of the user.

Limit for General Population/Uncontrolled exposure should be applied for this device, it is 1.6 W/kg as averaged over any 1 gram of tissue.

Table of Exposure Limits:

Body Position	SAR Value (W/Kg)	
	General Population/ Uncontrolled Exposure	Occupational/ ControlledExposure
Whole-Body SAR (averaged over the entire body)	0.08	0.4
Partial-Body SAR (averaged over any 1 gram of tissue)	1.60	8.0
SAR for hands, wrists, feet and ankles (averaged over any 10 grams of tissue)	4.0	20.0

NOTE:

General Population/Uncontrolled Exposure: Locations where there is the exposure of individuals who have no knowledge or control of their exposure. General population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

Occupational/Controlled Exposure: Locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. This exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

3.3 Test Result Summary

3.3.1 Highest SAR (1 g Value)

Band	Maximum Scaled SAR (W/kg)			Maximum Report SAR (W/kg)		
	Head	Body-worn Accessory	Hotspot	Head	Body-worn Accessory	Hotspot
GSM 850	1.001	0.241	0.328	**1.087**	**0.455**	**1.088**
GSM 1900	1.006	0.329	0.608			
WCDMA Band 2	**1.087**	0.380	0.771			
WCDMA Band 4	1.066	**0.455**	**1.088**			
WCDMA Band 5	0.866	0.258	0.328			
LTE Band 2	1.085	0.319	0.607			
LTE Band 4	1.056	0.292	0.593			
LTE Band 5	0.986	0.207	0.323			
LTE Band 7	0.878	0.351	0.597			
LTE Band 12	0.592	0.254	0.277			
LTE Band 26	1.086	0.207	0.256			
LTE Band 66	0.942	0.288	0.581			
LTE Band 38	0.862	0.308	0.656			
LTE Band 41	1.041	0.277	0.732			
2.4G WLAN	0.472	0.148	0.265			
5.2G WLAN	/	/	0.273			
5.3G WLAN	0.322	0.202	/			
5.6G WLAN	0.451	0.341	/			
5.8G WLAN	0.093	0.144	0.144			
Bluetooth	0.293	0.043	0.068			
Limit (W/kg)	1.6			1.6		
Verdict	PASS					

3.3.2 Highest Specific SAR (10 g Value)

Band	Maximum Scaled SAR (W/kg)	Maximum Report SAR (W/kg)
	Specific 10g	
WCDMA Band 2	2.331	**2.418**
LTE Band 2	**2.418**	
LTE Band 66	2.294	
5.3G WLAN	0.488	
5.6G WLAN	0.930	
Limit (W/kg)	4.0	4.0
Verdict	Pass	

3.3.3 Highest Simultaneous SAR

Position	Simultaneous Configuration	Simultaneous SAR (W/kg)	Limit (W/kg)	Verdict
Head (1g)	LTE + 5G WIFI + Bluetooth	1.084	1.6	Pass
Body-worn Accessory (1g)	WCDMA + 5G WIFI + Bluetooth	0.744	1.6	Pass
Hotspot (1g)	WCDMA + 5G WIFI + Bluetooth	1.429	1.6	Pass
Specific (10g)	LTE + 2.4G WIFI	2.453	4.0	Pass

3.4 Test Uncertainty

According to KDB 865664 D01, When the highest measured 1 g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis is not required in SAR reports submitted for equipment approval.

The maximum 1 g SAR for the EUT in this report is 1.088 W/kg, which is lower than 1.5 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.
The maximum 10 g SAR for the EUT in this report is 2.418 W/kg, which is lower than 3.75 W/kg, so the extensive SAR measurement uncertainty analysis is not required in this report.

4 MEASUREMENT SYSTEM

4.1 Specific Absorption Rate (SAR) Definition

SAR is related to the rate at which energy is absorbed per unit mass in an object exposed to a radio field. The SAR distribution in a biological body is complicated and is usually carried out by experimental techniques or numerical modeling. The standard recommends limits for two tiers of groups, occupational/controlled and general population/uncontrolled, based on a person's awareness and ability to exercise control over his or her exposure. In general, occupational/controlled exposure limits are higher than the limits for general population/uncontrolled.

The SAR definition is the time derivative (rate) of the incremental energy (dW) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). The equation description is as below:

$$\mathbf{SAR} = \frac{d}{\mathbf{dt}}\left(\frac{d\mathbf{W}}{\mathbf{dm}}\right) = \frac{d}{\mathbf{dt}}\left(\frac{d\mathbf{W}}{\boldsymbol{\rho}\mathbf{dv}}\right)$$

SAR is expressed in units of Watts per kilogram (W/kg) SAR measurement can be related to the electrical field in the tissue by

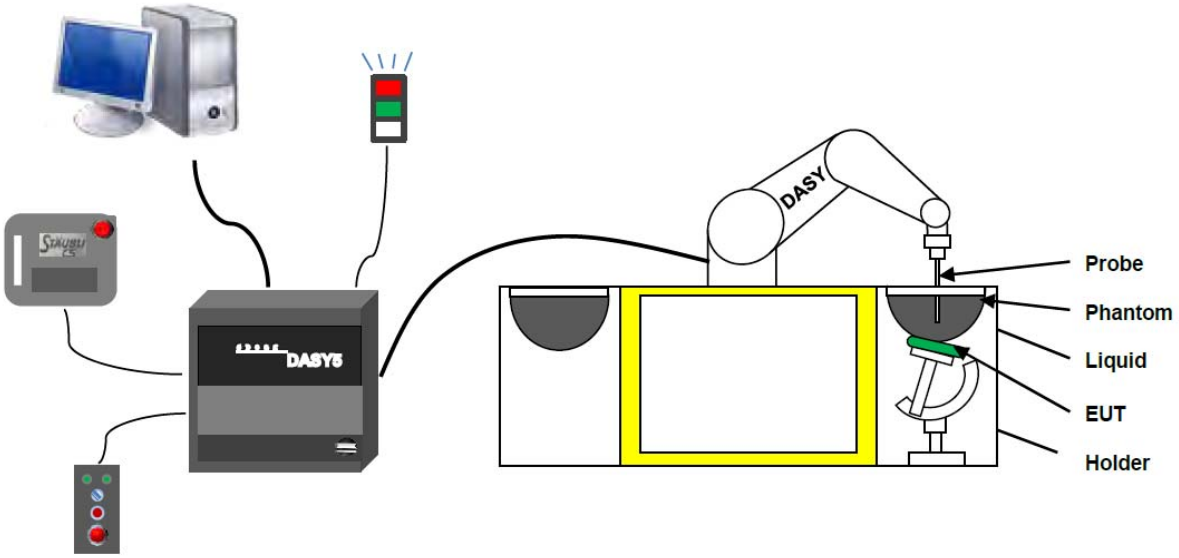
$$\mathbf{SAR} = \frac{\boldsymbol{\sigma}\mathbf{E}^2}{\boldsymbol{\rho}}$$

Where: σ is the conductivity of the tissue,

ρ is the mass density of the tissue and E is the RMS electrical field strength.

4.2 DASY SAR System

4.2.1 DASY SAR System Diagram



The DASY5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation.
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

4.2.2 Robot

The Dasy SAR system uses the high precision robots. Symmetrical design with triangular core Built-in optical fiber for surface detection system For the 6-axis controller system, Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents). The robot series have many features that are important for our application:

- High precision
  (repeatability ±0.02 mm)
- High reliability
  (industrial design)
- Low maintenance costs
  (virtually maintenance free due to direct drive gears; no belt drives)
- Jerk-free straight movements
  (brush less synchron motors; no stepper motors)
- Low ELF interference
  (motor control _elds shielded via the closed metallic construction shields)

4.2.3 E-Field Probe

The probe is specially designed and calibrated for use in liquids with high permittivities for the measurements the Specific Dosimetric E-Field Probe EX3DV4-SN: 7607 with following specifications is used.

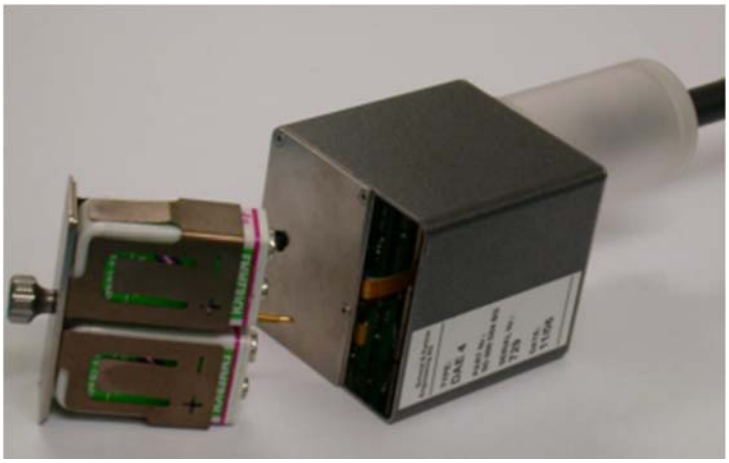
Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection system Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz; Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.2 dB in HSL (rotation around probe axis) ; ± 0.4 dB in HSL (rotation normal to probe axis)
Dynamic range	5 µW/g to > 100 mW/g; Linearity: ± 0.2 dB
Dimensions	Overall length: 337 mm (Tip: 9 mm) Tip diameter: 2.5 mm (Body: 10 mm) Distance from probe tip to dipole centers: 1.0 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (EX3DV4)

E-Field Probe Calibration Process

Probe calibration is realized, in compliance with CENELEC EN 62209-1/-2 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 62209-1/2 annexe technique using reference guide at the five frequencies.

4.2.4 Data Acquisition Electronics

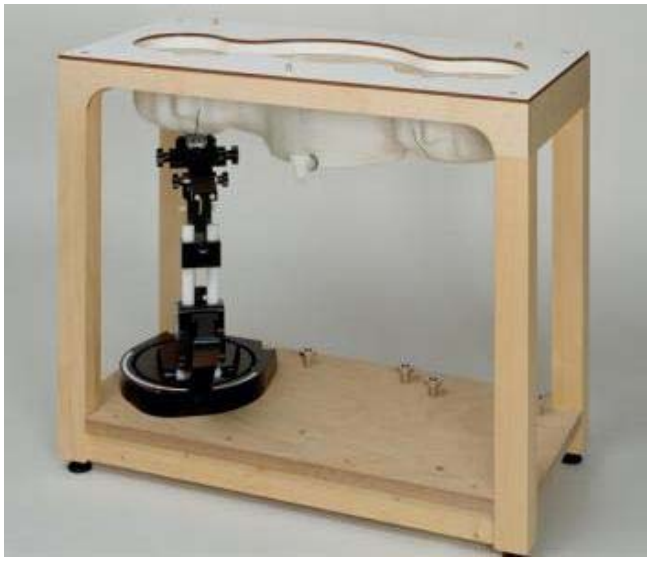
The data acquisition electronics (DAE) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.



- Input Impedance: 200MOhm
- The Inputs: Symmetrical and Floating
- Commom Mode Rejection: Above 80dB

4.2.5 Phantoms

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2mm +/- 0.2mm. It enables the dosimetric evaluation of left and right phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.



- Left hand
- Right hand
- Flat phantom

Photo of Phantom SN1857

Photo of Phantom SN1859

Serial Number	Material	Length	Height
SN 1857 SAM1	Vinylester, glass fiber reinforced	1000	500
SN 1859 SAM2	Vinylester, glass fiber reinforced	1000	500

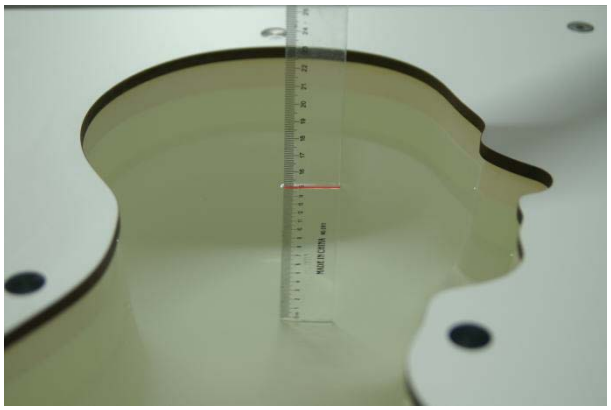
4.2.6 Device Holder

The DASY5 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65°. The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA‟s only. If necessary an additional support of polystyrene material is used. Larger DUT‟s (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values. Therefore those devices are normally only tested at the flat part of the SAM.

The positioning system allows obtaining cheek and tilting position with a very good accuracy. Incompliance with CENELEC, the tilt angle uncertainty is lower than 1°.

4.2.7 Simulating Liquid

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15 cm. For head SAR testing, the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15 cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15 cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 5%.

Head Liquid Depth	Body Liquid Depth
	

The following table gives the recipes for tissue simulating liquid and the theoretical Conductivity/Permittivity.

Head (Reference IEEE1528)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ε
750	41.1	57.0	0.2	1.4	0.2	0	0.89	41.9
835	40.3	57.9	0.2	1.4	0.2	0	0.90	41.5
900	40.3	57.9	0.2	1.4	0.2	0	0.97	41.5
1800, 1900, 2000	55.2	0	0	0.3	0	44.5	1.4	40.0
2450	55.0	0	0	0.1	0	44.9	1.80	39.2
2600	54.9	0	0	0.1	0	45.0	1.96	39.0
Frequency (MHz)	Water (%)	Hexyl Carbitol (%)			Triton X-100 (%)		Conductivity σ (S/m)	Permittivity ε
5200	62.52	17.24			17.24		4.66	36.0
5800	62.52	17.24			17.24		5.27	35.3
Body (From instrument manufacturer)								
Frequency (MHz)	Water (%)	Sugar (%)	Cellulose (%)	Salt (%)	Preventol (%)	DGBE (%)	Conductivity σ (S/m)	Permittivity ε
750	51.7	47.2	0	0.9	0.1	0	0.96	55.5
835	50.8	48.2	0	0.9	0.1	0	0.97	55.2
900	50.8	48.2	0	0.9	0.1	0	1.05	55.0
1800, 1900, 2000	70.2	0	0	0.4	0	29.4	1.52	53.3
2450	68.6	0	0	0.1	0	31.3	1.95	52.7
2600	68.2	0	0	0.1	0	31.7	2.16	52.5
Frequency(MHz)	Water	DGBE (%)			Salt (%)		Conductivity σ (S/m)	Permittivity ε
5200	78.60	21.40			/		5.54	47.86
5800	78.50	21.40			0.1		6.0	48.20

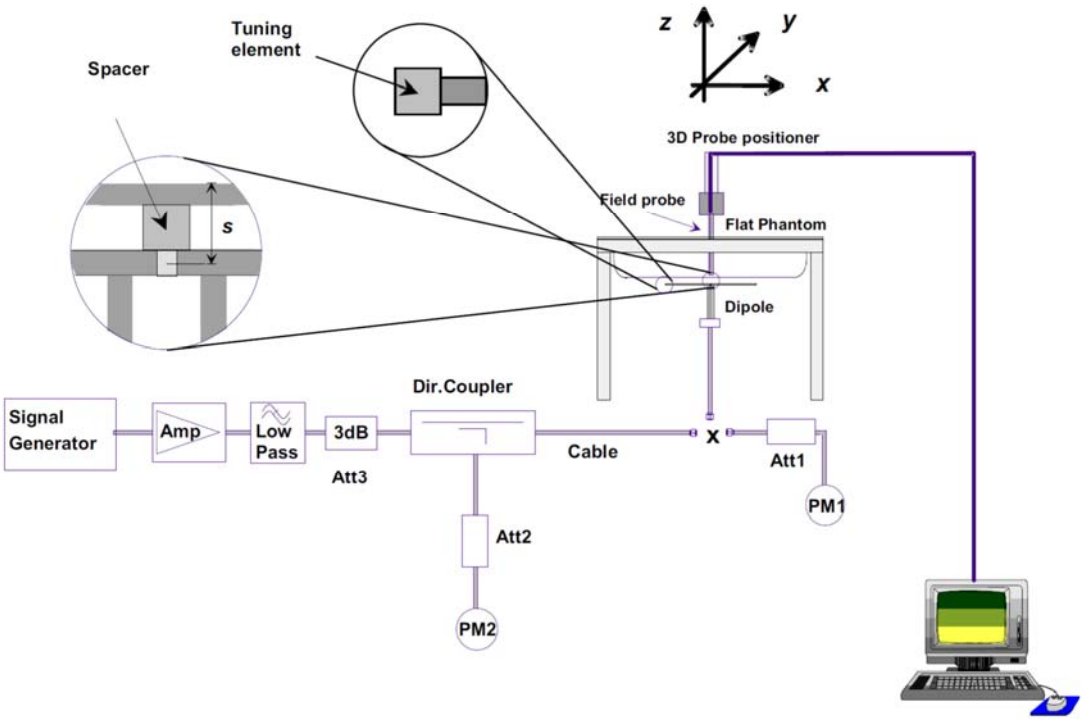
5 SYSTEM VERIFICATION

5.1 Purpose of System Check

The system performance check verifies that the system operates within its specifications. System and operator errors can be detected and corrected. It is recommended that the system performance check be performed prior to any usage of the system in order to guarantee reproducible results. The system performance check uses normal SAR measurements in a simplified setup with a well characterized source.This setup was selected to give a high sensitivity to all parameters that might fail or vary over time. The system check does not intend to replace the calibration of the components, but indicates situations where the system uncertainty is exceeded due to drift or failure.

5.2 System Check Setup

In the simplified setup for system evaluation, the EUT is replaced by a calibrated dipole and the power source is replaced by a continuous wave that comes from a signal generator. The calibrated dipole must be placed beneath the flat phantom section of the SAM twin phantom with the correct distance holder. The distance holder should touch the phantom surface with a light pressure at the reference marking and be oriented parallel to the long side of the phantom. The equipment setup is shown below:



6 TEST POSITION CONFIGURATIONS

According to KDB 648474 D04 Handset, handsets are tested for SAR compliance in head, body-worn accessory and other use configurations described in the following subsections.

6.1 Head Exposure Conditions

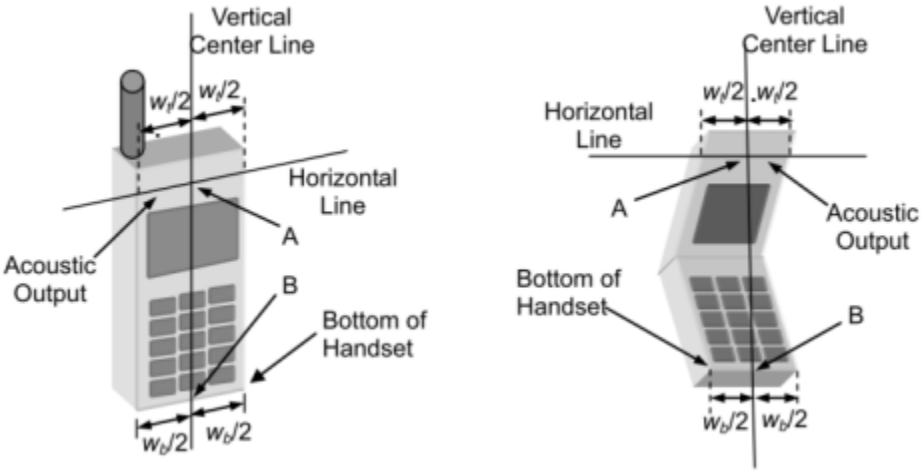
Head exposure is limited to next to the ear voice mode operations. Head SAR compliance is tested according to the test positions defined in IEEE Std 1528-2013 using the SAM phantom illustrated as below.

6.1.1 Two Imaginary Lines on the Handset

(a) The vertical center line passes through two points on the front side of the handset - the midpoint of the width w t of the handset at the level of the acoustic output, and the midpoint of the width w b of the bottom of the handset.

(b) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.

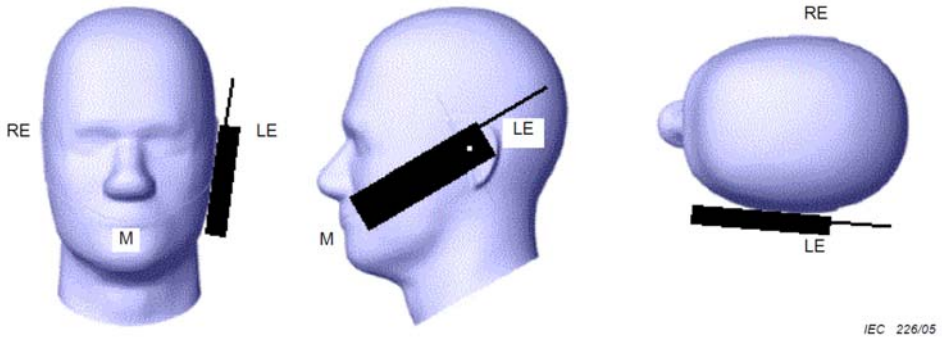
(c) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical center line is not necessarily parallel to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



6.1.2 Cheek Position

(a) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the three ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.

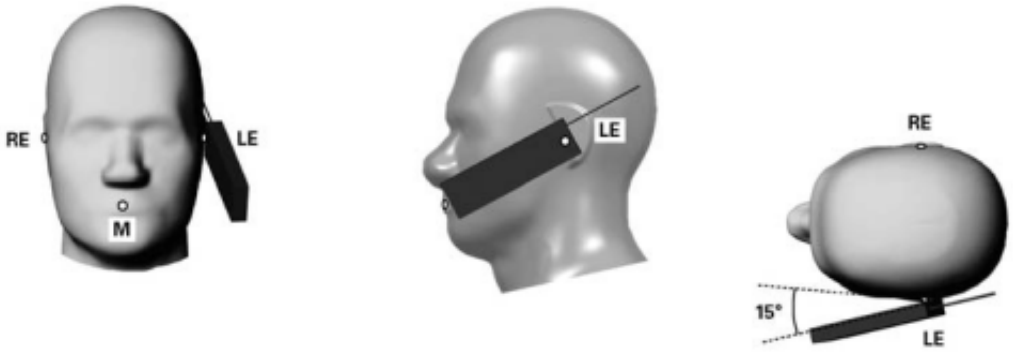
(b) To move the device towards the phantom with the ear piece aligned with the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



6.1.3 Tilted Position

(a) To position the device in the “cheek” position described above.

(b) While maintaining the device the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.

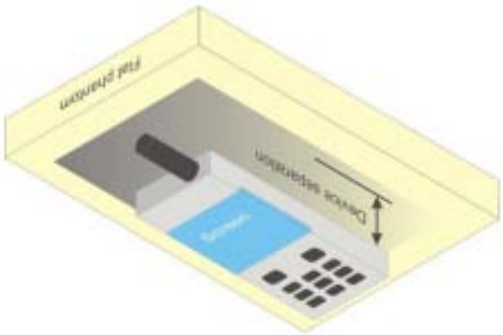


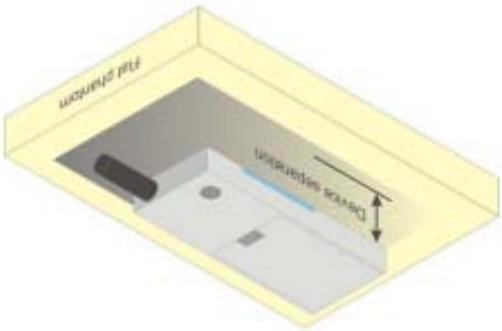
6.2 Body-worn Position Conditions

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB 447498 are used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode. When the reported SAR for a body-worn accessory.

Body-worn accessories that do not contain metallic or conductive components may be tested according to worst-case exposure configurations, typically according to the smallest test separation distance required for the group of body-worn accessories with similar operating and exposure characteristics. All body-worn accessories containing metallic components are tested in conjunction with the host device.

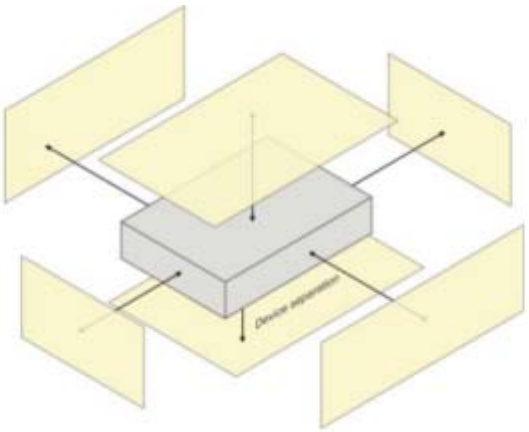
Body-worn accessory SAR compliance is based on a single minimum test separation distance for all wireless and operating modes applicable to each body-worn accessory used by the host, and according to the relevant voice and/or data mode transmissions and operations. If a body-worn accessory supports voice only operations in its normal and expected use conditions, testing of data mode for body-worn compliance is not required. A conservative minimum test separation distance for supporting off-the-shelf body-worn accessories that may be acquired by users of consumer handsets is used to test for body-worn accessory SAR compliance. This distance is determined by the handset manufacturer, according to the requirements of Supplement C 01-01. Devices that are designed to operate on the body of users using lanyards and straps, or without requiring additional body-worn accessories, will be tested using a conservative minimum test separation distance <= 5 mm to support compliance.





6.3 Hotspot Mode Exposure Position Conditions

For handsets that support hotspot mode operations, with wireless router capabilities and various web browsing functions, the relevant hand and body exposure conditions are tested according to the hotspot SAR procedures in KDB 941225. A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge. When the form factor of a handset is smaller than 9 cm x 5 cm, a test separation distance of 5 mm (instead of 10 mm) is required for testing hotspot mode. When the separation distance required for body-worn accessory testing is larger than or equal to that tested for hotspot mode, in the same wireless mode and for the same surface of the phone, the hotspot mode SAR data may be used to support body-worn accessory SAR compliance for that particular configuration (surface).



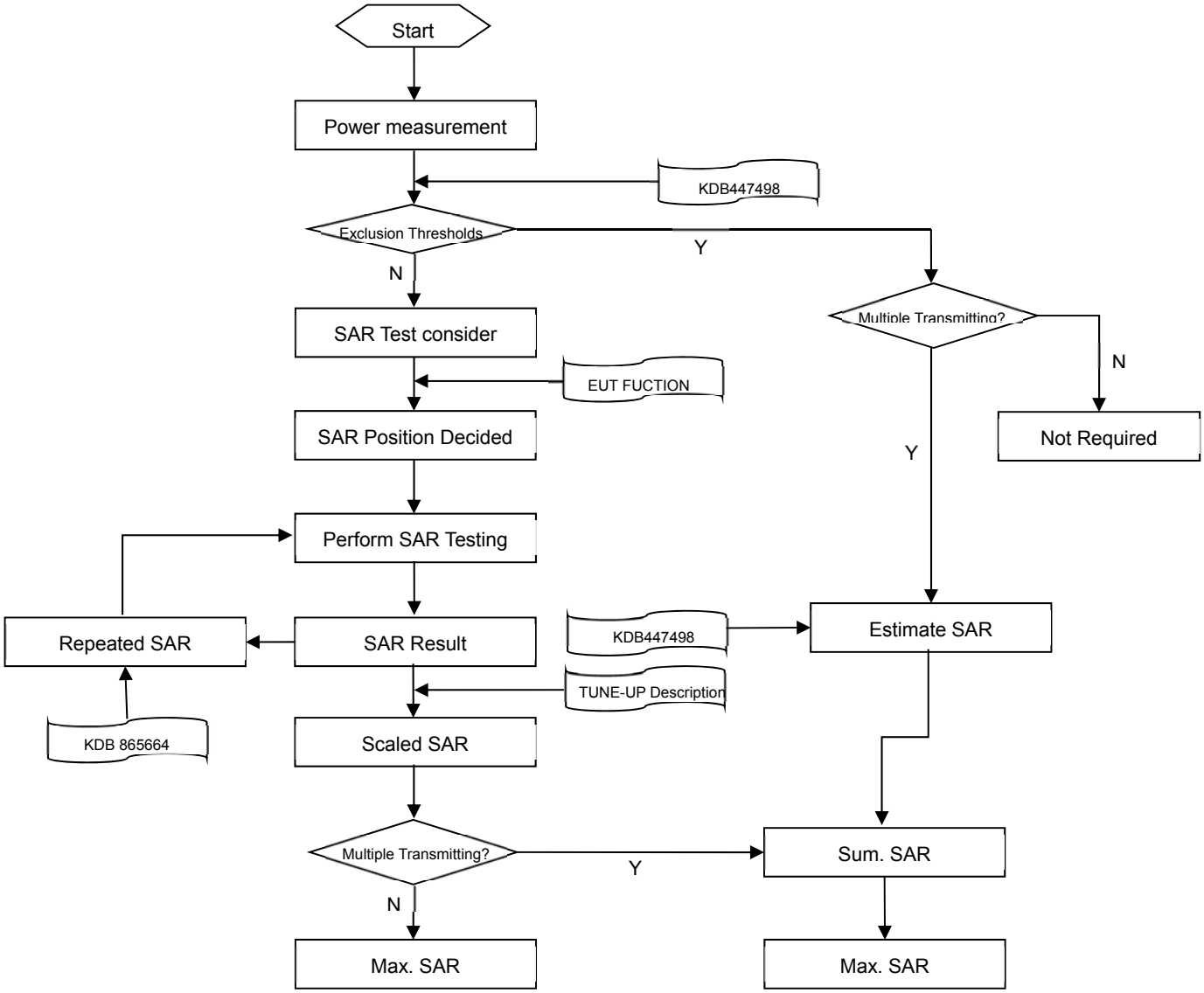
6.4 Product Specific 10g Exposure Consideration

According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

7 MEASUREMENT PROCEDURE

7.1 Measurement Process Diagram



7.2 SAR Scan General Requirement

Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Boththe probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1 g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std 1528-2013.

<table>
<tr><th colspan="3"></th><th>≤3GHz</th><th>>3GHz</th></tr>
<tr><td colspan="3">Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface</td><td>5±1 mm</td><td>½·δ·ln(2)±0.5 mm</td></tr>
<tr><td colspan="3">Maximum probe angle from probe axis to phantom surface normal at the measurement location</td><td>30°±1°</td><td>20°±1°</td></tr>
<tr><td colspan="3" rowspan="2">Maximum area scan spatial resolution: Δx Area , Δy Area</td><td>≤ 2 GHz: ≤ 15 mm
2 – 3 GHz: ≤ 12 mm</td><td>3–4 GHz: ≤ 12 mm
4 – 6 GHz: ≤ 10 mm</td></tr>
<tr><td colspan="2">When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.</td></tr>
<tr><td colspan="3">Maximum zoom scan spatial resolution: Δx Zoom , Δy Zoom</td><td>≤ 2 GHz: ≤ 8 mm
2 –3 GHz: ≤ 5 mm*</td><td>3–4 GHz: ≤ 5 mm*
4 – 6 GHz: ≤ 4 mm*</td></tr>
<tr><td rowspan="6">Maximum zoom scan spatial resolution, normal to phantom surface</td><td colspan="2" rowspan="3">uniform grid: Δz Zoom (n)</td><td rowspan="3">≤ 5 mm</td><td>3–4 GHz: ≤ 4 mm</td></tr>
<tr><td>4–5 GHz: ≤ 3 mm</td></tr>
<tr><td>5–6 GHz: ≤ 2 mm</td></tr>
<tr><td rowspan="3">graded grid</td><td rowspan="2">Δz Zoom (1): between 1st two points closest to phantom surface</td><td rowspan="2">≤ 4 mm</td><td>3–4 GHz: ≤ 3 mm</td></tr>
<tr><td>4–5 GHz: ≤ 2.5 mm</td></tr>
<tr><td>Δz Zoom (n>1): between subsequent points</td><td>5–6 GHz: ≤ 2 mm</td><td>≤ 1.5·Δz Zoom (n-1)</td></tr>
<tr><td rowspan="3">Minimum zoom scan volume</td><td colspan="2" rowspan="3">x, y, z</td><td rowspan="3">≥30 mm</td><td>3–4 GHz: ≥ 28 mm</td></tr>
<tr><td>4–5 GHz: ≥ 25 mm</td></tr>
<tr><td>5–6 GHz: ≥ 22 mm</td></tr>
<tr><td colspan="5">Note:
1. δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.
2. * When zoom scan is required and the reported SAR from the area scan based 1 g SAR estimation procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.</td></tr>
</table>

7.3 Measurement Procedure

The following steps are used for each test position

a. Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
b. Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
c. Measurement of the SAR distribution with a grid of 8 to 16mm * 8 to16 mm and a constant distance to the inner surface of the phantom. Since the sensors cannot directly measure at the inner phantom surface, the values between the sensors and the inner phantom surface are extrapolated. With these values the area of the maximum SAR is calculated by an interpolation scheme.
d. Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 *32 mm is assessed by measuring 5 or 8 * 5 or 8*4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

7.4 Area & Zoom Scan Procedure

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g. Area scan and zoom scan resolution setting follows KDB 865664 D01v01r04 quoted below.

When the 1 g SAR of the highest peak is within 2 dB of the SAR limit, additional zoom scans are required for other peaks within 2 dB of the highest peak that have not been included in any zoom scan to ensure there is no increase in SAR.

8 CONDUCTED RF OUPUT POWER

8.1 GSM

GSM 850								
GSM850 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power (dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.71	32.73	32.63	33.50	23.52	23.54	23.44	24.31
GPRS (GMSK, 1-Slot)	32.34	32.38	32.23	33.50	23.15	23.19	23.04	24.31
GPRS (GMSK, 2-Slots)	29.80	29.77	29.87	30.50	23.67	23.64	23.74	24.37
GPRS (GMSK, 3-Slots)	28.69	28.79	28.60	29.50	24.27	24.37	24.18	25.08
GPRS (GMSK, 4-Slots)	27.43	27.69	27.58	28.50	24.25	**24.51**	24.40	25.32
EGPRS (8PSK, 1-Slot)	26.58	26.51	26.42	27.50	17.39	17.32	17.23	18.31
EGPRS (8PSK, 2-Slots)	24.22	24.31	23.98	25.50	18.09	18.18	17.85	19.37
EGPRS (8PSK, 3-Slots)	23.12	23.19	23.20	24.50	18.70	18.77	18.78	20.08
EGPRS (8PSK, 4-Slots)	22.50	22.67	22.32	23.50	19.32	19.49	19.14	20.32
GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.95	30.04	29.80	30.50	20.76	20.85	20.61	21.31
GPRS (GMSK, 1-Slot)	30.03	29.95	29.78	30.50	20.84	20.76	20.59	21.31
GPRS (GMSK, 2-Slots)	27.65	27.80	27.71	28.50	21.52	21.67	21.58	22.37
GPRS (GMSK, 3-Slots)	26.91	27.01	26.73	27.50	22.49	**22.59**	22.31	23.08
GPRS (GMSK, 4-Slots)	24.72	24.78	24.69	25.50	21.54	21.60	21.51	22.32
EGPRS (8PSK, 1-Slot)	25.84	25.97	25.79	26.50	16.65	16.78	16.60	17.31
EGPRS (8PSK, 2-Slots)	24.00	24.03	23.85	25.50	17.87	17.90	17.72	19.37
EGPRS (8PSK, 3-Slots)	22.86	22.85	22.76	23.50	18.44	18.43	18.34	19.08
EGPRS (8PSK, 4-Slots)	21.89	21.76	21.63	22.50	18.71	18.58	18.45	19.32

Note [1]: SAR testing was performed on the maximum frame-averaged power mode.

Note [2]: The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:

Frame-averaged power = Burst averaged power (1 Tx Slot) – 9.19 dB

Frame-averaged power = Burst averaged power (2 Tx Slots) – 6.13 dB

Frame-averaged power = Burst averaged power (3 Tx Slots) - 4.42dB

Frame-averaged power = Burst averaged power (4 Tx Slots) – 3.18 dB

8.2 WCDMA

WCDMA	Band 2				Band 4			
Channel	9262	9400	9538	Tune-up Limit (dBm)	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	23.17	23.34	**23.36**	24.30	23.28	23.23	**23.31**	24.30
HSDPA Subtest-1	22.23	22.34	22.38	23.30	22.27	22.23	22.27	23.30
HSDPA Subtest-2	22.22	22.35	22.37	23.30	22.31	22.24	22.30	23.30
HSDPA Subtest-3	21.71	21.81	21.87	22.80	21.78	21.74	21.81	22.80
HSDPA Subtest-4	21.70	21.82	21.84	22.80	21.78	21.74	21.83	22.80
HSUPA Subtest-1	22.15	22.36	22.39	23.30	22.32	22.36	22.42	23.30
HSUPA Subtest-2	20.19	20.43	20.45	21.80	20.27	20.32	20.40	21.80
HSUPA Subtest-3	21.24	21.32	21.40	22.30	21.21	21.30	21.36	22.30
HSUPA Subtest-4	20.20	20.44	20.48	21.80	20.31	20.36	20.40	21.80
HSUPA Subtest-5	22.20	22.37	22.42	23.30	22.27	22.37	22.44	23.30
WCDMA	Band 5				/			
Channel	4132	4182	4233	Tune-up Limit (dBm)	/	/	/	/
RMC 12.2Kbps	23.52	23.48	**23.62**	24.50	/	/	/	/
HSDPA Subtest-1	22.59	22.44	22.63	23.50	/	/	/	/
HSDPA Subtest-2	22.65	22.49	22.66	23.50	/	/	/	/
HSDPA Subtest-3	22.15	22.00	22.19	22.50	/	/	/	/
HSDPA Subtest-4	22.12	22.01	22.20	22.50	/	/	/	/
HSUPA Subtest-1	22.65	22.56	22.76	23.50	/	/	/	/
HSUPA Subtest-2	20.70	20.56	20.72	21.50	/	/	/	/
HSUPA Subtest-3	21.64	21.68	21.62	22.50	/	/	/	/
HSUPA Subtest-4	20.58	20.47	20.66	21.50	/	/	/	/
HSUPA Subtest-5	22.62	22.56	22.69	23.50	/	/	/	/

8.3 LTE

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.74	22.75	22.77	24.00
	1 (RB_Pos:3)	MIDDLE	QPSK	22.82	22.83	22.85	24.00
	1 (RB_Pos:5)	HIGH	QPSK	22.75	22.79	22.76	24.00
	3 (RB_Pos:0)	LOW	QPSK	22.73	22.76	22.77	23.00
	3 (RB_Pos:1)	MIDDLE	QPSK	22.81	22.81	22.82	23.00
	3 (RB_Pos:3)	HIGH	QPSK	22.72	22.77	22.75	23.00
	6 (RB_Pos:0)	LOW	QPSK	21.73	21.79	21.76	22.50
	1 (RB_Pos:0)	LOW	16QAM	21.90	22.02	21.78	22.50
	1 (RB_Pos:3)	MIDDLE	16QAM	21.93	22.15	21.81	22.50
	1 (RB_Pos:5)	HIGH	16QAM	21.91	22.10	21.75	22.50
	3 (RB_Pos:0)	LOW	16QAM	21.87	22.04	21.94	22.50
	3 (RB_Pos:1)	MIDDLE	16QAM	21.92	22.00	22.02	22.50
	3 (RB_Pos:3)	HIGH	16QAM	21.86	22.06	21.93	22.50
	6 (RB_Pos:0)	LOW	16QAM	20.92	20.76	20.89	21.50
	1 (RB_Pos:0)	LOW	64QAM	21.08	21.08	21.18	21.50
	1 (RB_Pos:3)	MIDDLE	64QAM	21.25	21.22	21.20	21.50
	1 (RB_Pos:5)	HIGH	64QAM	21.22	21.27	21.12	21.50
	3 (RB_Pos:0)	LOW	64QAM	20.98	21.18	21.19	21.50
	3 (RB_Pos:1)	MIDDLE	64QAM	21.14	21.18	21.06	21.50
	3 (RB_Pos:3)	HIGH	64QAM	21.02	21.21	21.13	21.50
	6 (RB_Pos:0)	LOW	64QAM	19.72	19.82	19.78	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	22.79	22.82	22.83	24.00
	1 (RB_Pos:8)	MIDDLE	QPSK	22.77	22.78	22.83	24.00
	1 (RB_Pos:14)	HIGH	QPSK	22.74	22.83	22.79	24.00
	8 (RB_Pos:0)	LOW	QPSK	21.79	21.83	21.81	23.00
	8 (RB_Pos:3)	MIDDLE	QPSK	21.82	21.86	21.84	23.00
	8 (RB_Pos:7)	HIGH	QPSK	21.81	21.87	21.80	23.00
	15 (RB_Pos:0)	LOW	QPSK	21.77	21.84	21.83	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.70	22.23	21.84	23.00
	1 (RB_Pos:8)	MIDDLE	16QAM	21.77	22.25	21.80	23.00
	1 (RB_Pos:14)	HIGH	16QAM	21.71	22.26	21.82	23.00
	8 (RB_Pos:0)	LOW	16QAM	20.97	20.98	20.89	22.00
	8 (RB_Pos:3)	MIDDLE	16QAM	20.98	21.00	20.94	22.00
	8 (RB_Pos:7)	HIGH	16QAM	20.98	20.96	20.92	22.00
	15 (RB_Pos:0)	LOW	16QAM	20.88	20.94	20.82	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.94	21.73	21.05	22.00
	1 (RB_Pos:8)	MIDDLE	64QAM	20.91	21.74	21.24	22.00

	1 (RB_Pos:14)	HIGH	64QAM	21.22	21.60	21.04	22.00
	8 (RB_Pos:0)	LOW	64QAM	20.19	20.06	20.24	21.00
	8 (RB_Pos:3)	MIDDLE	64QAM	20.34	20.05	20.22	21.00
	8 (RB_Pos:7)	HIGH	64QAM	20.04	20.35	20.24	21.00
	15 (RB_Pos:0)	LOW	64QAM	19.86	20.12	19.96	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.81	22.85	22.83	24.00
	1 (RB_Pos:13)	MIDDLE	QPSK	22.77	22.90	22.82	24.00
	1 (RB_Pos:24)	HIGH	QPSK	22.78	22.92	22.84	24.00
	12 (RB_Pos:0)	LOW	QPSK	21.80	21.95	21.83	23.00
	12 (RB_Pos:6)	MIDDLE	QPSK	21.82	21.97	21.86	23.00
	12 (RB_Pos:13)	HIGH	QPSK	21.84	21.96	21.80	23.00
	25 (RB_Pos:0)	LOW	QPSK	21.94	21.92	21.85	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.86	22.34	21.90	23.00
	1 (RB_Pos:13)	MIDDLE	16QAM	21.85	22.32	21.83	23.00
	1 (RB_Pos:24)	HIGH	16QAM	21.88	22.35	21.82	23.00
	12 (RB_Pos:0)	LOW	16QAM	20.99	21.08	20.99	22.00
	12 (RB_Pos:6)	MIDDLE	16QAM	21.05	21.05	20.99	22.00
	12 (RB_Pos:13)	HIGH	16QAM	20.98	21.06	20.96	22.00
	25 (RB_Pos:0)	LOW	16QAM	20.99	21.03	20.91	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.91	21.28	20.97	22.00
	1 (RB_Pos:13)	MIDDLE	64QAM	20.79	21.26	21.03	22.00
	1 (RB_Pos:24)	HIGH	64QAM	20.95	21.35	20.75	22.00
	12 (RB_Pos:0)	LOW	64QAM	20.19	20.08	20.28	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	20.37	20.11	20.12	21.00
	12 (RB_Pos:13)	HIGH	64QAM	20.12	20.15	20.14	21.00
	25 (RB_Pos:0)	LOW	64QAM	20.13	19.95	20.14	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.81	22.85	22.83	24.00
	1 (RB_Pos:25)	MIDDLE	QPSK	22.77	22.90	22.82	24.00
	1 (RB_Pos:49)	HIGH	QPSK	22.78	22.92	22.84	24.00
	25 (RB_Pos:0)	LOW	QPSK	21.80	21.95	21.83	23.00
	25 (RB_Pos:12)	MIDDLE	QPSK	21.82	21.97	21.86	23.00
	25 (RB_Pos:25)	HIGH	QPSK	21.84	21.96	21.80	23.00
	50 (RB_Pos:0)	LOW	QPSK	21.94	21.92	21.85	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.86	22.34	21.90	23.00
	1 (RB_Pos:25)	MIDDLE	16QAM	21.85	22.32	21.83	23.00
	1 (RB_Pos:49)	HIGH	16QAM	21.88	22.35	21.82	23.00
	25 (RB_Pos:0)	LOW	16QAM	20.99	21.08	20.99	22.00
	25 (RB_Pos:12)	MIDDLE	16QAM	21.05	21.05	20.99	22.00
	25 (RB_Pos:25)	HIGH	16QAM	20.98	21.06	20.96	22.00

	50 (RB_Pos:0)	LOW	16QAM	20.99	21.03	20.91	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.18	21.44	21.14	22.00
	1 (RB_Pos:25)	MIDDLE	64QAM	21.17	21.25	21.07	22.00
	1 (RB_Pos:49)	HIGH	64QAM	21.14	21.64	21.14	22.00
	25 (RB_Pos:0)	LOW	64QAM	20.26	20.20	19.90	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	20.17	19.95	20.21	21.00
	25 (RB_Pos:25)	HIGH	64QAM	19.97	20.26	20.18	21.00
	50 (RB_Pos:0)	LOW	64QAM	20.01	20.27	20.19	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.81	22.95	22.89	24.00
	1 (RB_Pos:38)	MIDDLE	QPSK	22.84	22.98	22.82	24.00
	1 (RB_Pos:74)	HIGH	QPSK	22.94	22.92	22.79	24.00
	36 (RB_Pos:0)	LOW	QPSK	21.91	21.97	21.82	23.00
	36 (RB_Pos:20)	MIDDLE	QPSK	21.93	21.96	21.84	23.00
	36 (RB_Pos:39)	HIGH	QPSK	21.97	21.96	21.77	23.00
	75 (RB_Pos:0)	LOW	QPSK	21.94	21.94	21.77	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.84	22.42	22.22	23.00
	1 (RB_Pos:38)	MIDDLE	16QAM	21.89	22.28	22.20	23.00
	1 (RB_Pos:74)	HIGH	16QAM	21.92	22.32	22.15	23.00
	36 (RB_Pos:0)	LOW	16QAM	20.96	21.08	20.87	22.00
	36 (RB_Pos:20)	MIDDLE	16QAM	21.00	21.09	20.87	22.00
	36 (RB_Pos:39)	HIGH	16QAM	21.04	21.05	20.83	22.00
	75 (RB_Pos:0)	LOW	16QAM	21.06	21.07	20.89	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.03	21.41	21.48	22.00
	1 (RB_Pos:38)	MIDDLE	64QAM	20.90	21.19	21.34	22.00
	1 (RB_Pos:74)	HIGH	64QAM	20.99	21.27	21.17	22.00
	36 (RB_Pos:0)	LOW	64QAM	20.01	20.34	20.14	21.00
	36 (RB_Pos:20)	MIDDLE	64QAM	20.05	20.09	20.07	21.00
	36 (RB_Pos:39)	HIGH	64QAM	20.30	20.27	19.91	21.00
	75 (RB_Pos:0)	LOW	64QAM	20.13	20.10	19.81	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	22.79	22.99	22.62	24.00
	1 (RB_Pos:50)	MIDDLE	QPSK	22.93	**23.03**	22.79	24.00
	1 (RB_Pos:99)	HIGH	QPSK	22.91	22.97	22.75	24.00
	50 (RB_Pos:0)	LOW	QPSK	21.93	21.97	21.81	23.00
	50 (RB_Pos:25)	MIDDLE	QPSK	21.98	21.99	21.88	23.00
	50 (RB_Pos:50)	HIGH	QPSK	21.97	21.94	21.88	23.00
	100 (RB_Pos:0)	LOW	QPSK	21.94	21.96	21.89	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.45	22.40	22.33	23.00
	1 (RB_Pos:50)	MIDDLE	16QAM	22.46	22.34	22.34	23.00
	1 (RB_Pos:99)	HIGH	16QAM	22.56	22.64	22.31	23.00

	50 (RB_Pos:0)	LOW	16QAM	20.98	21.04	21.01	22.00
	50 (RB_Pos:25)	MIDDLE	16QAM	21.09	21.08	20.95	22.00
	50 (RB_Pos:50)	HIGH	16QAM	21.02	21.11	20.92	22.00
	100 (RB_Pos:0)	LOW	16QAM	21.06	21.15	20.98	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.51	21.63	21.30	22.00
	1 (RB_Pos:50)	MIDDLE	64QAM	21.42	21.53	21.32	22.00
	1 (RB_Pos:99)	HIGH	64QAM	21.57	21.65	21.55	22.00
	50 (RB_Pos:0)	LOW	64QAM	20.20	20.26	19.91	21.00
	50 (RB_Pos:25)	MIDDLE	64QAM	20.19	20.24	20.20	21.00
	50 (RB_Pos:50)	HIGH	64QAM	20.04	20.05	20.15	21.00
	100 (RB_Pos:0)	LOW	64QAM	20.03	20.34	20.19	21.00

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.68	22.78	22.95	24.00
	1 (RB_Pos:3)	MIDDLE	QPSK	22.73	22.81	23.00	24.00
	1 (RB_Pos:5)	HIGH	QPSK	22.72	22.78	22.92	24.00
	3 (RB_Pos:0)	LOW	QPSK	22.66	22.67	22.89	24.00
	3 (RB_Pos:1)	MIDDLE	QPSK	22.73	22.73	22.93	24.00
	3 (RB_Pos:3)	HIGH	QPSK	22.67	22.63	22.85	24.00
	6 (RB_Pos:0)	LOW	QPSK	21.72	21.78	21.92	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.82	22.05	21.93	23.00
	1 (RB_Pos:3)	MIDDLE	16QAM	21.95	22.14	22.01	23.00
	1 (RB_Pos:5)	HIGH	16QAM	21.88	22.08	21.97	23.00
	3 (RB_Pos:0)	LOW	16QAM	21.83	21.91	22.08	23.00
	3 (RB_Pos:1)	MIDDLE	16QAM	21.91	21.94	22.12	23.00
	3 (RB_Pos:3)	HIGH	16QAM	21.85	21.84	22.03	23.00
	6 (RB_Pos:0)	LOW	16QAM	20.96	20.68	21.13	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.32	21.51	21.21	22.00
	1 (RB_Pos:3)	MIDDLE	64QAM	21.20	21.37	21.10	22.00
	1 (RB_Pos:5)	HIGH	64QAM	21.06	21.33	21.17	22.00
	3 (RB_Pos:0)	LOW	64QAM	20.84	20.97	21.21	22.00
	3 (RB_Pos:1)	MIDDLE	64QAM	21.01	21.27	21.52	22.00
	3 (RB_Pos:3)	HIGH	64QAM	21.08	20.98	21.04	22.00
	6 (RB_Pos:0)	LOW	64QAM	19.88	19.71	20.07	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	22.86	22.84	23.01	24.00
	1 (RB_Pos:8)	MIDDLE	QPSK	22.87	22.81	22.99	24.00
	1 (RB_Pos:14)	HIGH	QPSK	22.83	22.80	22.96	24.00
	8 (RB_Pos:0)	LOW	QPSK	21.85	21.87	21.95	23.00

	8 (RB_Pos:3)	MIDDLE	QPSK	21.89	21.90	22.00	23.00
	8 (RB_Pos:7)	HIGH	QPSK	21.88	21.88	21.97	23.00
	15 (RB_Pos:0)	LOW	QPSK	21.86	21.80	22.00	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.74	22.14	21.95	23.00
	1 (RB_Pos:8)	MIDDLE	16QAM	21.75	22.11	21.98	23.00
	1 (RB_Pos:14)	HIGH	16QAM	21.72	22.14	21.97	23.00
	8 (RB_Pos:0)	LOW	16QAM	21.02	20.89	21.05	22.00
	8 (RB_Pos:3)	MIDDLE	16QAM	21.01	20.93	21.09	22.00
	8 (RB_Pos:7)	HIGH	16QAM	21.02	20.90	21.06	22.00
	15 (RB_Pos:0)	LOW	16QAM	20.94	20.86	20.97	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.95	21.27	21.16	22.00
	1 (RB_Pos:8)	MIDDLE	64QAM	20.96	21.33	21.09	22.00
	1 (RB_Pos:14)	HIGH	64QAM	21.15	21.30	21.36	22.00
	8 (RB_Pos:0)	LOW	64QAM	20.14	20.10	20.05	21.00
	8 (RB_Pos:3)	MIDDLE	64QAM	20.34	19.97	20.48	21.00
	8 (RB_Pos:7)	HIGH	64QAM	20.11	20.18	20.45	21.00
	15 (RB_Pos:0)	LOW	64QAM	20.20	20.10	19.89	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.73	22.83	22.86	24.00
	1 (RB_Pos:13)	MIDDLE	QPSK	22.83	22.92	23.01	24.00
	1 (RB_Pos:24)	HIGH	QPSK	22.72	22.96	22.98	24.00
	12 (RB_Pos:0)	LOW	QPSK	21.74	21.89	21.97	23.00
	12 (RB_Pos:6)	MIDDLE	QPSK	21.79	21.93	22.01	23.00
	12 (RB_Pos:13)	HIGH	QPSK	21.75	21.92	21.94	23.00
	25 (RB_Pos:0)	LOW	QPSK	21.83	21.88	21.98	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.99	22.37	22.06	23.00
	1 (RB_Pos:13)	MIDDLE	16QAM	22.07	22.47	22.16	23.00
	1 (RB_Pos:24)	HIGH	16QAM	22.03	22.36	22.06	23.00
	12 (RB_Pos:0)	LOW	16QAM	20.98	21.07	21.06	22.00
	12 (RB_Pos:6)	MIDDLE	16QAM	20.98	21.12	21.09	22.00
	12 (RB_Pos:13)	HIGH	16QAM	20.94	21.04	21.06	22.00
	25 (RB_Pos:0)	LOW	16QAM	20.91	20.96	20.97	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.30	21.69	21.19	22.00
	1 (RB_Pos:13)	MIDDLE	64QAM	21.47	21.58	21.62	22.00
	1 (RB_Pos:24)	HIGH	64QAM	21.40	21.73	21.43	22.00
	12 (RB_Pos:0)	LOW	64QAM	20.33	20.29	20.34	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	20.19	20.41	20.38	21.00
	12 (RB_Pos:13)	HIGH	64QAM	20.29	20.12	20.15	21.00
	25 (RB_Pos:0)	LOW	64QAM	20.08	19.97	19.98	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.81	22.80	22.87	24.00

	1 (RB_Pos:25)	MIDDLE	QPSK	22.75	22.86	22.79	24.00
	1 (RB_Pos:49)	HIGH	QPSK	22.82	22.91	22.97	24.00
	25 (RB_Pos:0)	LOW	QPSK	21.89	21.80	21.95	23.00
	25 (RB_Pos:12)	MIDDLE	QPSK	21.86	21.92	21.98	23.00
	25 (RB_Pos:25)	HIGH	QPSK	21.82	21.89	21.91	23.00
	50 (RB_Pos:0)	LOW	QPSK	21.84	21.88	21.99	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.75	22.24	21.95	23.00
	1 (RB_Pos:25)	MIDDLE	16QAM	21.73	22.23	21.95	23.00
	1 (RB_Pos:49)	HIGH	16QAM	21.71	22.21	21.91	23.00
	25 (RB_Pos:0)	LOW	16QAM	20.89	20.96	21.10	22.00
	25 (RB_Pos:12)	MIDDLE	16QAM	20.92	20.98	21.12	22.00
	25 (RB_Pos:25)	HIGH	16QAM	20.89	20.98	21.08	22.00
	50 (RB_Pos:0)	LOW	16QAM	20.89	20.97	21.01	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.24	21.34	21.15	22.00
	1 (RB_Pos:25)	MIDDLE	64QAM	20.95	21.36	21.21	22.00
	1 (RB_Pos:49)	HIGH	64QAM	21.07	21.52	21.16	22.00
	25 (RB_Pos:0)	LOW	64QAM	20.02	19.98	20.49	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	20.16	19.99	20.24	21.00
	25 (RB_Pos:25)	HIGH	64QAM	20.15	20.40	20.18	21.00
	50 (RB_Pos:0)	LOW	64QAM	20.11	20.10	20.15	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.69	22.87	22.82	24.00
	1 (RB_Pos:38)	MIDDLE	QPSK	22.69	22.90	22.87	24.00
	1 (RB_Pos:74)	HIGH	QPSK	22.73	22.84	22.93	24.00
	36 (RB_Pos:0)	LOW	QPSK	21.71	21.89	21.92	23.00
	36 (RB_Pos:20)	MIDDLE	QPSK	21.87	21.97	22.03	23.00
	36 (RB_Pos:39)	HIGH	QPSK	21.82	21.95	22.01	23.00
	75 (RB_Pos:0)	LOW	QPSK	21.78	21.93	21.90	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.70	22.23	22.19	23.00
	1 (RB_Pos:38)	MIDDLE	16QAM	21.73	22.20	22.26	23.00
	1 (RB_Pos:74)	HIGH	16QAM	21.56	22.15	22.32	23.00
	36 (RB_Pos:0)	LOW	16QAM	20.88	21.04	20.95	22.00
	36 (RB_Pos:20)	MIDDLE	16QAM	21.08	21.03	21.05	22.00
	36 (RB_Pos:39)	HIGH	16QAM	21.06	21.05	21.07	22.00
	75 (RB_Pos:0)	LOW	16QAM	21.04	20.98	20.97	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.96	21.68	21.53	22.00
	1 (RB_Pos:38)	MIDDLE	64QAM	21.06	21.41	21.40	22.00
	1 (RB_Pos:74)	HIGH	64QAM	20.94	21.57	21.69	22.00
	36 (RB_Pos:0)	LOW	64QAM	20.04	20.46	20.07	21.00
	36 (RB_Pos:20)	MIDDLE	64QAM	20.16	20.29	20.28	21.00
	36 (RB_Pos:39)	HIGH	64QAM	20.24	20.37	20.46	21.00
	75 (RB_Pos:0)	LOW	64QAM	20.01	20.27	20.16	21.00
Bandwidth	RB Set	RB offest	Modulation	Power (dBm)			

(MHz)	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	22.79	22.86	22.85	24.00
	1 (RB_Pos:50)	MIDDLE	QPSK	23.01	**23.05**	23.03	24.00
	1 (RB_Pos:99)	HIGH	QPSK	22.88	22.93	22.94	24.00
	50 (RB_Pos:0)	LOW	QPSK	21.81	21.87	21.88	23.00
	50 (RB_Pos:25)	MIDDLE	QPSK	21.87	21.93	21.89	23.00
	50 (RB_Pos:50)	HIGH	QPSK	21.91	21.98	21.97	23.00
	100 (RB_Pos:0)	LOW	QPSK	21.90	21.92	21.84	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.31	22.26	22.15	23.00
	1 (RB_Pos:50)	MIDDLE	16QAM	22.40	22.25	22.27	23.00
	1 (RB_Pos:99)	HIGH	16QAM	22.40	22.18	22.30	23.00
	50 (RB_Pos:0)	LOW	16QAM	20.88	20.95	20.79	22.00
	50 (RB_Pos:25)	MIDDLE	16QAM	20.99	21.01	20.87	22.00
	50 (RB_Pos:50)	HIGH	16QAM	20.96	20.92	20.94	22.00
	100 (RB_Pos:0)	LOW	16QAM	21.02	20.89	20.86	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.52	21.54	21.26	22.00
	1 (RB_Pos:50)	MIDDLE	64QAM	21.73	21.54	21.73	22.00
	1 (RB_Pos:99)	HIGH	64QAM	21.76	21.65	21.78	22.00
	50 (RB_Pos:0)	LOW	64QAM	20.23	19.98	20.08	21.00
	50 (RB_Pos:25)	MIDDLE	64QAM	20.06	20.16	20.20	21.00
	50 (RB_Pos:50)	HIGH	64QAM	19.96	20.01	20.28	21.00
	100 (RB_Pos:0)	LOW	64QAM	20.30	19.81	19.89	21.00

FDD LTE Band 5							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20407	20525	20643	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.98	22.83	23.07	24.50
	1 (RB_Pos:3)	MIDDLE	QPSK	23.00	22.84	22.89	24.50
	1 (RB_Pos:5)	HIGH	QPSK	22.95	22.79	23.01	24.50
	3 (RB_Pos:0)	LOW	QPSK	22.87	22.71	22.90	23.50
	3 (RB_Pos:1)	MIDDLE	QPSK	22.91	22.81	22.92	23.50
	3 (RB_Pos:3)	HIGH	QPSK	22.84	22.70	22.86	23.50
	6 (RB_Pos:0)	LOW	QPSK	21.96	21.85	22.12	23.50
	1 (RB_Pos:0)	LOW	16QAM	22.00	22.17	21.91	23.50
	1 (RB_Pos:3)	MIDDLE	16QAM	22.01	22.21	21.91	23.50
	1 (RB_Pos:5)	HIGH	16QAM	21.98	22.16	21.87	23.50
	3 (RB_Pos:0)	LOW	16QAM	21.93	22.01	22.04	22.50
	3 (RB_Pos:1)	MIDDLE	16QAM	22.00	22.05	22.07	22.50
	3 (RB_Pos:3)	HIGH	16QAM	21.95	21.96	22.01	22.50
	6 (RB_Pos:0)	LOW	16QAM	21.13	20.76	21.18	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.05	21.52	21.26	22.50
	1 (RB_Pos:3)	MIDDLE	64QAM	21.18	21.51	21.40	22.50

	1 (RB_Pos:5)	HIGH	64QAM	21.33	21.45	21.16	22.50
	3 (RB_Pos:0)	LOW	64QAM	20.94	20.81	21.10	21.50
	3 (RB_Pos:1)	MIDDLE	64QAM	21.01	21.05	20.95	21.50
	3 (RB_Pos:3)	HIGH	64QAM	21.01	21.02	20.71	21.50
	6 (RB_Pos:0)	LOW	64QAM	20.19	20.02	20.36	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20415	20525	20635	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	23.08	22.88	23.13	24.50
	1 (RB_Pos:8)	MIDDLE	QPSK	23.02	22.84	23.13	24.50
	1 (RB_Pos:14)	HIGH	QPSK	22.99	22.87	22.82	24.50
	8 (RB_Pos:0)	LOW	QPSK	22.07	21.90	22.08	23.50
	8 (RB_Pos:3)	MIDDLE	QPSK	22.06	21.93	22.13	23.50
	8 (RB_Pos:7)	HIGH	QPSK	22.00	21.92	22.10	23.50
	15 (RB_Pos:0)	LOW	QPSK	22.02	21.87	22.11	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.87	22.25	22.12	23.50
	1 (RB_Pos:8)	MIDDLE	16QAM	21.83	22.22	22.02	23.50
	1 (RB_Pos:14)	HIGH	16QAM	21.86	22.19	21.95	23.50
	8 (RB_Pos:0)	LOW	16QAM	21.17	21.00	21.17	22.50
	8 (RB_Pos:3)	MIDDLE	16QAM	21.17	21.01	21.19	22.50
	8 (RB_Pos:7)	HIGH	16QAM	21.15	20.99	21.11	22.50
	15 (RB_Pos:0)	LOW	16QAM	21.08	20.95	21.06	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.19	21.61	21.52	22.50
	1 (RB_Pos:8)	MIDDLE	64QAM	21.17	21.46	21.25	22.50
	1 (RB_Pos:14)	HIGH	64QAM	21.33	21.48	21.30	22.50
	8 (RB_Pos:0)	LOW	64QAM	20.24	20.17	20.44	21.50
	8 (RB_Pos:3)	MIDDLE	64QAM	20.61	20.24	20.33	21.50
	8 (RB_Pos:7)	HIGH	64QAM	20.34	20.16	20.47	21.50
	15 (RB_Pos:0)	LOW	64QAM	20.03	19.86	20.15	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20425	20525	20625	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	23.06	22.88	22.98	24.50
	1 (RB_Pos:13)	MIDDLE	QPSK	23.07	22.94	22.97	24.50
	1 (RB_Pos:24)	HIGH	QPSK	22.94	22.89	23.00	24.50
	12 (RB_Pos:0)	LOW	QPSK	22.05	21.89	22.12	23.50
	12 (RB_Pos:6)	MIDDLE	QPSK	22.03	21.89	22.14	23.50
	12 (RB_Pos:13)	HIGH	QPSK	21.96	21.85	22.11	23.50
	25 (RB_Pos:0)	LOW	QPSK	21.97	21.86	22.07	23.50
	1 (RB_Pos:0)	LOW	16QAM	22.16	22.42	22.15	23.50
	1 (RB_Pos:13)	MIDDLE	16QAM	22.20	22.47	22.21	23.50
	1 (RB_Pos:24)	HIGH	16QAM	22.16	22.32	22.06	23.50
	12 (RB_Pos:0)	LOW	16QAM	21.14	21.08	21.18	22.50
	12 (RB_Pos:6)	MIDDLE	16QAM	21.13	21.11	21.23	22.50
	12 (RB_Pos:13)	HIGH	16QAM	21.09	21.05	21.16	22.50

	25 (RB_Pos:0)	LOW	16QAM	21.05	20.98	21.10	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.63	21.86	21.54	22.50
	1 (RB_Pos:13)	MIDDLE	64QAM	21.44	21.77	21.70	22.50
	1 (RB_Pos:24)	HIGH	64QAM	21.22	21.60	21.35	22.50
	12 (RB_Pos:0)	LOW	64QAM	20.37	20.43	20.66	21.50
	12 (RB_Pos:6)	MIDDLE	64QAM	20.25	20.22	20.57	21.50
	12 (RB_Pos:13)	HIGH	64QAM	20.35	20.09	20.34	21.50
	25 (RB_Pos:0)	LOW	64QAM	20.08	19.97	20.07	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20450	20525	20600	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	23.05	22.91	23.04	24.50
	1 (RB_Pos:25)	MIDDLE	QPSK	22.93	22.88	23.00	24.50
	1 (RB_Pos:49)	HIGH	QPSK	23.09	23.03	**23.15**	24.50
	25 (RB_Pos:0)	LOW	QPSK	21.99	21.92	21.88	23.50
	25 (RB_Pos:12)	MIDDLE	QPSK	22.09	21.95	22.11	23.50
	25 (RB_Pos:25)	HIGH	QPSK	22.07	21.88	22.02	23.50
	50 (RB_Pos:0)	LOW	QPSK	21.98	21.88	21.99	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.86	22.29	21.88	23.50
	1 (RB_Pos:25)	MIDDLE	16QAM	21.82	22.20	21.93	23.50
	1 (RB_Pos:49)	HIGH	16QAM	21.91	22.10	21.88	23.50
	25 (RB_Pos:0)	LOW	16QAM	21.01	21.00	21.02	22.50
	25 (RB_Pos:12)	MIDDLE	16QAM	21.13	21.01	21.10	22.50
	25 (RB_Pos:25)	HIGH	16QAM	21.12	20.90	21.15	22.50
	50 (RB_Pos:0)	LOW	16QAM	21.09	20.93	20.94	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.18	21.73	20.97	22.50
	1 (RB_Pos:25)	MIDDLE	64QAM	21.12	21.54	21.14	22.50
	1 (RB_Pos:49)	HIGH	64QAM	21.11	21.56	21.20	22.50
	25 (RB_Pos:0)	LOW	64QAM	20.34	20.26	20.20	21.50
	25 (RB_Pos:12)	MIDDLE	64QAM	20.21	20.01	20.27	21.50
	25 (RB_Pos:25)	HIGH	64QAM	20.18	19.99	20.24	21.50
	50 (RB_Pos:0)	LOW	64QAM	20.23	19.88	20.15	21.50

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20775	21100	21425	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.74	22.69	22.64	23.80
	1 (RB_Pos:13)	MIDDLE	QPSK	22.75	22.73	22.69	23.80
	1 (RB_Pos:24)	HIGH	QPSK	22.73	22.72	22.63	23.80
	12 (RB_Pos:0)	LOW	QPSK	21.71	21.72	21.76	22.80
	12 (RB_Pos:6)	MIDDLE	QPSK	21.70	21.72	21.78	22.80
	12 (RB_Pos:13)	HIGH	QPSK	21.66	21.73	21.74	22.80
	25 (RB_Pos:0)	LOW	QPSK	21.69	21.68	21.76	22.80

	1 (RB_Pos:0)	LOW	16QAM	22.21	21.87	21.94	22.80
	1 (RB_Pos:13)	MIDDLE	16QAM	22.27	21.86	22.02	22.80
	1 (RB_Pos:24)	HIGH	16QAM	22.20	21.83	21.92	22.80
	12 (RB_Pos:0)	LOW	16QAM	20.90	20.94	20.92	21.80
	12 (RB_Pos:6)	MIDDLE	16QAM	20.89	20.88	20.95	21.80
	12 (RB_Pos:13)	HIGH	16QAM	20.87	20.92	20.89	21.80
	25 (RB_Pos:0)	LOW	16QAM	20.85	20.76	20.88	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.39	20.93	21.23	21.80
	1 (RB_Pos:13)	MIDDLE	64QAM	21.47	21.20	21.17	21.80
	1 (RB_Pos:24)	HIGH	64QAM	21.38	21.07	21.02	21.80
	12 (RB_Pos:0)	LOW	64QAM	20.04	20.36	20.16	20.80
	12 (RB_Pos:6)	MIDDLE	64QAM	20.34	20.04	20.11	20.80
	12 (RB_Pos:13)	HIGH	64QAM	20.14	20.04	19.97	20.80
	25 (RB_Pos:0)	LOW	64QAM	20.07	19.94	20.02	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20800	21100	21400	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.72	22.79	22.78	23.80
	1 (RB_Pos:25)	MIDDLE	QPSK	22.60	22.73	22.77	23.80
	1 (RB_Pos:49)	HIGH	QPSK	22.75	22.76	22.78	23.80
	25 (RB_Pos:0)	LOW	QPSK	21.69	21.80	21.79	22.80
	25 (RB_Pos:12)	MIDDLE	QPSK	21.72	21.83	21.81	22.80
	25 (RB_Pos:25)	HIGH	QPSK	21.76	21.84	21.80	22.80
	50 (RB_Pos:0)	LOW	QPSK	21.76	21.81	21.80	22.80
	1 (RB_Pos:0)	LOW	16QAM	21.56	22.19	21.74	22.80
	1 (RB_Pos:25)	MIDDLE	16QAM	21.54	22.18	21.74	22.80
	1 (RB_Pos:49)	HIGH	16QAM	21.67	22.12	21.73	22.80
	25 (RB_Pos:0)	LOW	16QAM	20.79	20.94	20.94	21.80
	25 (RB_Pos:12)	MIDDLE	16QAM	20.76	20.96	20.99	21.80
	25 (RB_Pos:25)	HIGH	16QAM	20.83	20.94	20.94	21.80
	50 (RB_Pos:0)	LOW	16QAM	20.87	20.94	20.91	21.80
	1 (RB_Pos:0)	LOW	64QAM	20.56	21.31	20.95	21.80
	1 (RB_Pos:25)	MIDDLE	64QAM	20.65	21.22	20.68	21.80
	1 (RB_Pos:49)	HIGH	64QAM	20.72	21.28	20.79	21.80
	25 (RB_Pos:0)	LOW	64QAM	20.02	20.41	20.21	20.80
	25 (RB_Pos:12)	MIDDLE	64QAM	20.08	20.37	20.35	20.80
	25 (RB_Pos:25)	HIGH	64QAM	19.86	20.22	20.26	20.80
	50 (RB_Pos:0)	LOW	64QAM	20.02	20.16	19.71	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20825	21100	21375	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.66	22.79	22.80	23.80
	1 (RB_Pos:38)	MIDDLE	QPSK	22.67	22.79	22.81	23.80
	1 (RB_Pos:74)	HIGH	QPSK	22.72	22.76	22.76	23.80
	36 (RB_Pos:0)	LOW	QPSK	21.69	21.86	21.79	22.80

	36 (RB_Pos:20)	MIDDLE	QPSK	21.79	21.86	21.83	22.80
	36 (RB_Pos:39)	HIGH	QPSK	21.80	21.81	21.78	22.80
	75 (RB_Pos:0)	LOW	QPSK	21.78	21.79	21.81	22.80
	1 (RB_Pos:0)	LOW	16QAM	21.57	22.23	22.18	22.80
	1 (RB_Pos:38)	MIDDLE	16QAM	21.50	22.23	22.09	22.80
	1 (RB_Pos:74)	HIGH	16QAM	21.63	22.16	22.10	22.80
	36 (RB_Pos:0)	LOW	16QAM	20.76	20.99	20.85	21.80
	36 (RB_Pos:20)	MIDDLE	16QAM	20.86	20.96	20.89	21.80
	36 (RB_Pos:39)	HIGH	16QAM	20.88	20.94	20.88	21.80
	75 (RB_Pos:0)	LOW	16QAM	20.89	20.94	20.86	21.80
	1 (RB_Pos:0)	LOW	64QAM	20.91	21.24	21.23	21.80
	1 (RB_Pos:38)	MIDDLE	64QAM	20.82	21.17	21.04	21.80
	1 (RB_Pos:74)	HIGH	64QAM	20.91	21.28	21.43	21.80
	36 (RB_Pos:0)	LOW	64QAM	20.18	20.05	19.98	20.80
	36 (RB_Pos:20)	MIDDLE	64QAM	20.22	20.44	20.23	20.80
	36 (RB_Pos:39)	HIGH	64QAM	19.92	20.04	20.11	20.80
	75 (RB_Pos:0)	LOW	64QAM	19.80	19.85	19.94	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20850	21100	21350	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	22.67	22.71	22.77	23.80
	1 (RB_Pos:50)	MIDDLE	QPSK	22.72	**22.86**	22.78	23.80
	1 (RB_Pos:99)	HIGH	QPSK	22.70	22.81	22.72	23.80
	50 (RB_Pos:0)	LOW	QPSK	21.75	21.83	21.79	22.80
	50 (RB_Pos:25)	MIDDLE	QPSK	21.80	21.86	21.82	22.80
	50 (RB_Pos:50)	HIGH	QPSK	21.71	21.82	21.75	22.80
	100 (RB_Pos:0)	LOW	QPSK	21.75	21.84	21.79	22.80
	1 (RB_Pos:0)	LOW	16QAM	22.16	22.16	22.15	22.80
	1 (RB_Pos:50)	MIDDLE	16QAM	22.20	22.22	22.15	22.80
	1 (RB_Pos:99)	HIGH	16QAM	22.15	22.18	22.12	22.80
	50 (RB_Pos:0)	LOW	16QAM	20.87	20.93	20.87	21.80
	50 (RB_Pos:25)	MIDDLE	16QAM	20.86	20.98	20.85	21.80
	50 (RB_Pos:50)	HIGH	16QAM	20.88	20.91	20.84	21.80
	100 (RB_Pos:0)	LOW	16QAM	20.85	20.94	20.90	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.41	21.28	21.48	21.80
	1 (RB_Pos:50)	MIDDLE	64QAM	21.29	21.50	21.47	21.80
	1 (RB_Pos:99)	HIGH	64QAM	21.28	21.44	21.38	21.80
	50 (RB_Pos:0)	LOW	64QAM	20.01	20.20	20.13	20.80
	50 (RB_Pos:25)	MIDDLE	64QAM	20.16	20.17	20.17	20.80
	50 (RB_Pos:50)	HIGH	64QAM	20.12	20.03	19.86	20.80
	100 (RB_Pos:0)	LOW	64QAM	19.69	19.87	19.71	20.80

FDD LTE Band 12							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23017	23095	23173	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.48	22.49	22.50	24.50
	1 (RB_Pos:3)	MIDDLE	QPSK	22.52	22.52	22.56	24.50
	1 (RB_Pos:5)	HIGH	QPSK	22.47	22.48	22.54	24.50
	3 (RB_Pos:0)	LOW	QPSK	22.46	22.47	22.46	23.50
	3 (RB_Pos:1)	MIDDLE	QPSK	22.54	22.57	22.56	23.50
	3 (RB_Pos:3)	HIGH	QPSK	22.48	22.49	22.47	23.50
	6 (RB_Pos:0)	LOW	QPSK	21.44	21.48	21.52	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.59	21.90	21.47	23.50
	1 (RB_Pos:3)	MIDDLE	16QAM	21.63	21.96	21.51	23.50
	1 (RB_Pos:5)	HIGH	16QAM	21.60	21.90	21.46	23.50
	3 (RB_Pos:0)	LOW	16QAM	21.56	21.78	21.65	22.50
	3 (RB_Pos:1)	MIDDLE	16QAM	21.64	21.80	21.71	22.50
	3 (RB_Pos:3)	HIGH	16QAM	21.59	21.76	21.60	22.50
	6 (RB_Pos:0)	LOW	16QAM	20.65	20.50	20.75	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.62	20.91	20.78	22.50
	1 (RB_Pos:3)	MIDDLE	64QAM	20.82	21.14	20.71	22.50
	1 (RB_Pos:5)	HIGH	64QAM	20.65	21.00	20.51	22.50
	3 (RB_Pos:0)	LOW	64QAM	20.95	20.96	21.00	21.50
	3 (RB_Pos:1)	MIDDLE	64QAM	20.73	20.91	21.07	21.50
	3 (RB_Pos:3)	HIGH	64QAM	20.64	21.14	20.72	21.50
	6 (RB_Pos:0)	LOW	64QAM	19.75	19.50	19.91	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23025	23095	23165	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	22.59	22.59	22.63	24.50
	1 (RB_Pos:8)	MIDDLE	QPSK	22.52	22.53	22.60	24.50
	1 (RB_Pos:14)	HIGH	QPSK	22.49	22.56	22.62	24.50
	8 (RB_Pos:0)	LOW	QPSK	21.58	21.57	21.62	23.50
	8 (RB_Pos:3)	MIDDLE	QPSK	21.61	21.62	21.66	23.50
	8 (RB_Pos:7)	HIGH	QPSK	21.55	21.60	21.62	23.50
	15 (RB_Pos:0)	LOW	QPSK	21.58	21.58	21.65	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.44	21.93	21.64	23.50
	1 (RB_Pos:8)	MIDDLE	16QAM	21.43	21.99	21.52	23.50
	1 (RB_Pos:14)	HIGH	16QAM	21.39	21.98	21.52	23.50
	8 (RB_Pos:0)	LOW	16QAM	20.72	20.72	20.71	22.50
	8 (RB_Pos:3)	MIDDLE	16QAM	20.75	20.79	20.76	22.50
	8 (RB_Pos:7)	HIGH	16QAM	20.72	20.72	20.67	22.50
	15 (RB_Pos:0)	LOW	16QAM	20.65	20.70	20.65	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.46	21.20	20.97	22.50
	1 (RB_Pos:8)	MIDDLE	64QAM	20.35	21.19	20.83	22.50

	1 (RB_Pos:14)	HIGH	64QAM	20.51	20.93	20.44	22.50
	8 (RB_Pos:0)	LOW	64QAM	19.95	19.84	19.87	21.50
	8 (RB_Pos:3)	MIDDLE	64QAM	20.18	20.27	19.98	21.50
	8 (RB_Pos:7)	HIGH	64QAM	19.78	20.07	19.75	21.50
	15 (RB_Pos:0)	LOW	64QAM	19.69	19.87	19.88	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23035	23095	23155	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.57	22.61	22.48	24.50
	1 (RB_Pos:13)	MIDDLE	QPSK	22.57	22.63	22.66	24.50
	1 (RB_Pos:24)	HIGH	QPSK	22.58	22.57	22.61	24.50
	12 (RB_Pos:0)	LOW	QPSK	21.58	21.62	21.51	23.50
	12 (RB_Pos:6)	MIDDLE	QPSK	21.60	21.62	21.68	23.50
	12 (RB_Pos:13)	HIGH	QPSK	21.66	21.59	21.67	23.50
	25 (RB_Pos:0)	LOW	QPSK	21.66	21.60	21.55	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.76	22.13	21.65	23.50
	1 (RB_Pos:13)	MIDDLE	16QAM	21.77	22.17	21.72	23.50
	1 (RB_Pos:24)	HIGH	16QAM	21.79	22.12	21.64	23.50
	12 (RB_Pos:0)	LOW	16QAM	20.69	20.85	20.66	22.50
	12 (RB_Pos:6)	MIDDLE	16QAM	20.73	20.86	20.78	22.50
	12 (RB_Pos:13)	HIGH	16QAM	20.83	20.82	20.74	22.50
	25 (RB_Pos:0)	LOW	16QAM	20.78	20.75	20.58	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.81	21.28	20.58	22.50
	1 (RB_Pos:13)	MIDDLE	64QAM	21.11	21.30	20.76	22.50
	1 (RB_Pos:24)	HIGH	64QAM	20.90	21.14	20.66	22.50
	12 (RB_Pos:0)	LOW	64QAM	20.07	20.09	19.91	21.50
	12 (RB_Pos:6)	MIDDLE	64QAM	20.09	19.93	20.25	21.50
	12 (RB_Pos:13)	HIGH	64QAM	20.09	20.21	19.90	21.50
	25 (RB_Pos:0)	LOW	64QAM	20.01	20.03	19.72	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23060	23095	23130	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.57	22.55	22.63	24.50
	1 (RB_Pos:25)	MIDDLE	QPSK	22.48	22.55	22.55	24.50
	1 (RB_Pos:49)	HIGH	QPSK	22.59	22.67	**22.70**	24.50
	25 (RB_Pos:0)	LOW	QPSK	21.67	21.68	21.60	23.50
	25 (RB_Pos:12)	MIDDLE	QPSK	21.68	21.69	21.71	23.50
	25 (RB_Pos:25)	HIGH	QPSK	21.67	21.64	21.57	23.50
	50 (RB_Pos:0)	LOW	QPSK	21.67	21.63	21.68	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.52	21.52	21.63	23.50
	1 (RB_Pos:25)	MIDDLE	16QAM	21.52	21.56	21.58	23.50
	1 (RB_Pos:49)	HIGH	16QAM	21.55	21.45	21.59	23.50
	25 (RB_Pos:0)	LOW	16QAM	20.77	20.74	20.78	22.50
	25 (RB_Pos:12)	MIDDLE	16QAM	20.80	20.75	20.78	22.50
	25 (RB_Pos:25)	HIGH	16QAM	20.74	20.72	20.75	22.50

	50 (RB_Pos:0)	LOW	16QAM	20.76	20.72	20.68	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.48	20.85	20.60	22.50
	1 (RB_Pos:25)	MIDDLE	64QAM	20.83	21.00	20.90	22.50
	1 (RB_Pos:49)	HIGH	64QAM	20.53	20.88	20.76	22.50
	25 (RB_Pos:0)	LOW	64QAM	20.16	19.84	20.20	21.50
	25 (RB_Pos:12)	MIDDLE	64QAM	20.25	19.92	19.99	21.50
	25 (RB_Pos:25)	HIGH	64QAM	20.16	19.73	19.79	21.50
	50 (RB_Pos:0)	LOW	64QAM	19.88	19.79	19.71	21.50

FDD LTE Band 17							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23755	23790	23825	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.59	**22.63**	22.57	24.50
	1 (RB_Pos:13)	MIDDLE	QPSK	22.60	22.68	22.62	24.50
	1 (RB_Pos:24)	HIGH	QPSK	22.58	22.61	22.58	24.50
	12 (RB_Pos:0)	LOW	QPSK	21.71	21.65	21.58	23.50
	12 (RB_Pos:6)	MIDDLE	QPSK	21.70	21.65	21.63	23.50
	12 (RB_Pos:13)	HIGH	QPSK	21.68	21.63	21.63	23.50
	25 (RB_Pos:0)	LOW	QPSK	21.64	21.61	21.57	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.87	22.19	21.73	23.50
	1 (RB_Pos:13)	MIDDLE	16QAM	21.93	22.21	21.68	23.50
	1 (RB_Pos:24)	HIGH	16QAM	21.86	22.14	21.60	23.50
	12 (RB_Pos:0)	LOW	16QAM	20.82	20.84	20.74	22.50
	12 (RB_Pos:6)	MIDDLE	16QAM	20.86	20.86	20.72	22.50
	12 (RB_Pos:13)	HIGH	16QAM	20.82	20.86	20.72	22.50
	25 (RB_Pos:0)	LOW	16QAM	20.79	20.75	20.61	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.20	21.28	20.93	22.50
	1 (RB_Pos:13)	MIDDLE	64QAM	21.17	21.15	20.77	22.50
	1 (RB_Pos:24)	HIGH	64QAM	21.00	21.10	20.83	22.50
	12 (RB_Pos:0)	LOW	64QAM	20.06	19.91	19.85	21.50
	12 (RB_Pos:6)	MIDDLE	64QAM	20.21	20.15	20.04	21.50
	12 (RB_Pos:13)	HIGH	64QAM	19.99	19.98	20.14	21.50
	25 (RB_Pos:0)	LOW	64QAM	19.99	19.86	19.63	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			23780	23790	23800	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.63	22.69	22.66	24.50
	1 (RB_Pos:25)	MIDDLE	QPSK	22.60	22.57	22.61	24.50
	1 (RB_Pos:49)	HIGH	QPSK	22.61	22.60	22.61	24.50
	25 (RB_Pos:0)	LOW	QPSK	21.64	21.67	21.66	23.50
	25 (RB_Pos:12)	MIDDLE	QPSK	21.66	21.70	21.67	23.50
	25 (RB_Pos:25)	HIGH	QPSK	21.63	21.63	21.63	23.50
	50 (RB_Pos:0)	LOW	QPSK	21.62	21.64	21.60	23.50

	1 (RB_Pos:0)	LOW	16QAM	21.57	22.03	21.71	23.50
	1 (RB_Pos:25)	MIDDLE	16QAM	21.55	22.00	21.64	23.50
	1 (RB_Pos:49)	HIGH	16QAM	21.50	21.96	21.52	23.50
	25 (RB_Pos:0)	LOW	16QAM	20.80	20.75	20.80	22.50
	25 (RB_Pos:12)	MIDDLE	16QAM	20.77	20.75	20.81	22.50
	25 (RB_Pos:25)	HIGH	16QAM	20.74	20.74	20.77	22.50
	50 (RB_Pos:0)	LOW	16QAM	20.69	20.71	20.73	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.60	20.96	20.98	22.50
	1 (RB_Pos:25)	MIDDLE	64QAM	20.57	20.78	20.77	22.50
	1 (RB_Pos:49)	HIGH	64QAM	20.45	20.59	20.74	22.50
	25 (RB_Pos:0)	LOW	64QAM	20.04	20.05	20.03	21.50
	25 (RB_Pos:12)	MIDDLE	64QAM	20.04	20.02	19.92	21.50
	25 (RB_Pos:25)	HIGH	64QAM	20.04	19.82	20.07	21.50
	50 (RB_Pos:0)	LOW	64QAM	19.66	19.89	19.88	21.50

FDD LTE Band 26							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26697	26865	27033	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.58	22.56	22.53	24.50
	1 (RB_Pos:3)	MIDDLE	QPSK	22.61	22.65	22.61	24.50
	1 (RB_Pos:5)	HIGH	QPSK	22.57	22.55	22.59	24.50
	3 (RB_Pos:0)	LOW	QPSK	22.50	22.61	22.46	24.50
	3 (RB_Pos:1)	MIDDLE	QPSK	22.61	22.65	22.50	24.50
	3 (RB_Pos:3)	HIGH	QPSK	22.50	22.61	22.39	24.50
	6 (RB_Pos:0)	LOW	QPSK	21.56	21.54	21.58	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.92	21.63	21.60	23.50
	1 (RB_Pos:3)	MIDDLE	16QAM	21.98	21.68	21.61	23.50
	1 (RB_Pos:5)	HIGH	16QAM	21.94	21.61	21.53	23.50
	3 (RB_Pos:0)	LOW	16QAM	21.78	21.82	21.57	23.50
	3 (RB_Pos:1)	MIDDLE	16QAM	21.82	21.90	21.58	23.50
	3 (RB_Pos:3)	HIGH	16QAM	21.75	21.84	21.50	23.50
	6 (RB_Pos:0)	LOW	16QAM	20.49	20.81	20.71	22.50
	1 (RB_Pos:0)	LOW	64QAM	21.06	20.66	20.54	22.50
	1 (RB_Pos:3)	MIDDLE	64QAM	21.13	20.79	20.56	22.50
	1 (RB_Pos:5)	HIGH	64QAM	20.90	20.64	20.70	22.50
	3 (RB_Pos:0)	LOW	64QAM	20.93	21.19	20.83	22.50
	3 (RB_Pos:1)	MIDDLE	64QAM	21.12	20.99	20.96	22.50
	3 (RB_Pos:3)	HIGH	64QAM	20.95	21.19	20.67	22.50
	6 (RB_Pos:0)	LOW	64QAM	19.39	19.96	19.78	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26705	26865	27025	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	22.62	22.61	22.62	24.50

	1 (RB_Pos:8)	MIDDLE	QPSK	22.56	22.60	22.63	24.50
	1 (RB_Pos:14)	HIGH	QPSK	22.58	22.58	22.72	24.50
	8 (RB_Pos:0)	LOW	QPSK	21.62	21.66	21.62	23.50
	8 (RB_Pos:3)	MIDDLE	QPSK	21.63	21.67	21.66	23.50
	8 (RB_Pos:7)	HIGH	QPSK	21.62	21.66	21.62	23.50
	15 (RB_Pos:0)	LOW	QPSK	21.60	21.66	21.64	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.50	22.03	21.65	23.50
	1 (RB_Pos:8)	MIDDLE	16QAM	21.51	22.03	21.57	23.50
	1 (RB_Pos:14)	HIGH	16QAM	21.48	22.00	21.52	23.50
	8 (RB_Pos:0)	LOW	16QAM	20.78	20.80	20.71	22.50
	8 (RB_Pos:3)	MIDDLE	16QAM	20.76	20.82	20.75	22.50
	8 (RB_Pos:7)	HIGH	16QAM	20.75	20.77	20.70	22.50
	15 (RB_Pos:0)	LOW	16QAM	20.68	20.74	20.65	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.52	21.04	20.77	22.50
	1 (RB_Pos:8)	MIDDLE	64QAM	20.80	21.13	20.72	22.50
	1 (RB_Pos:14)	HIGH	64QAM	20.41	21.11	20.69	22.50
	8 (RB_Pos:0)	LOW	64QAM	19.90	19.97	19.98	21.50
	8 (RB_Pos:3)	MIDDLE	64QAM	20.14	19.97	20.24	21.50
	8 (RB_Pos:7)	HIGH	64QAM	20.00	19.82	19.72	21.50
	15 (RB_Pos:0)	LOW	64QAM	19.65	20.05	19.88	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26715	26865	27015	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.58	22.68	22.63	24.50
	1 (RB_Pos:13)	MIDDLE	QPSK	22.60	22.70	22.68	24.50
	1 (RB_Pos:24)	HIGH	QPSK	22.65	22.61	22.72	24.50
	12 (RB_Pos:0)	LOW	QPSK	21.60	21.70	21.66	23.50
	12 (RB_Pos:6)	MIDDLE	QPSK	21.64	21.69	21.71	23.50
	12 (RB_Pos:13)	HIGH	QPSK	21.71	21.67	21.69	23.50
	25 (RB_Pos:0)	LOW	QPSK	21.66	21.64	21.61	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.79	22.19	21.72	23.50
	1 (RB_Pos:13)	MIDDLE	16QAM	21.80	22.26	21.78	23.50
	1 (RB_Pos:24)	HIGH	16QAM	21.85	22.17	21.66	23.50
	12 (RB_Pos:0)	LOW	16QAM	20.76	20.91	20.76	22.50
	12 (RB_Pos:6)	MIDDLE	16QAM	20.75	20.92	20.78	22.50
	12 (RB_Pos:13)	HIGH	16QAM	20.86	20.89	20.80	22.50
	25 (RB_Pos:0)	LOW	16QAM	20.80	20.79	20.68	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.80	21.22	20.71	22.50
	1 (RB_Pos:13)	MIDDLE	64QAM	20.89	21.50	21.07	22.50
	1 (RB_Pos:24)	HIGH	64QAM	21.03	21.31	20.92	22.50
	12 (RB_Pos:0)	LOW	64QAM	20.00	20.04	20.25	21.50
	12 (RB_Pos:6)	MIDDLE	64QAM	19.90	20.09	19.94	21.50
	12 (RB_Pos:13)	HIGH	64QAM	20.28	19.90	19.86	21.50
	25 (RB_Pos:0)	LOW	64QAM	19.95	20.09	19.71	21.50
Bandwidth	RB Set	RB offest	Modulation	Power (dBm)			

(MHz)	Channel			26740	26865	26990	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.58	22.60	22.63	24.50
	1 (RB_Pos:25)	MIDDLE	QPSK	22.67	22.59	22.65	24.50
	1 (RB_Pos:49)	HIGH	QPSK	22.67	22.61	22.69	24.50
	25 (RB_Pos:0)	LOW	QPSK	21.71	21.69	21.55	23.50
	25 (RB_Pos:12)	MIDDLE	QPSK	21.71	21.73	21.67	23.50
	25 (RB_Pos:25)	HIGH	QPSK	21.69	21.70	21.65	23.50
	50 (RB_Pos:0)	LOW	QPSK	21.71	21.65	21.55	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.53	21.96	21.54	23.50
	1 (RB_Pos:25)	MIDDLE	16QAM	21.57	22.03	21.59	23.50
	1 (RB_Pos:49)	HIGH	16QAM	21.57	21.98	21.56	23.50
	25 (RB_Pos:0)	LOW	16QAM	20.78	20.77	20.68	22.50
	25 (RB_Pos:12)	MIDDLE	16QAM	20.77	20.82	20.83	22.50
	25 (RB_Pos:25)	HIGH	16QAM	20.76	20.79	20.80	22.50
	50 (RB_Pos:0)	LOW	16QAM	20.77	20.76	20.64	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.66	21.05	20.49	22.50
	1 (RB_Pos:25)	MIDDLE	64QAM	20.73	21.14	20.79	22.50
	1 (RB_Pos:49)	HIGH	64QAM	20.61	21.17	20.84	22.50
	25 (RB_Pos:0)	LOW	64QAM	20.10	20.06	19.80	21.50
	25 (RB_Pos:12)	MIDDLE	64QAM	20.24	19.92	20.34	21.50
	25 (RB_Pos:25)	HIGH	64QAM	20.08	20.17	20.19	21.50
	50 (RB_Pos:0)	LOW	64QAM	20.05	19.77	19.96	21.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26765	26865	26965	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.59	22.65	22.64	24.50
	1 (RB_Pos:38)	MIDDLE	QPSK	22.71	**22.78**	22.72	24.50
	1 (RB_Pos:74)	HIGH	QPSK	22.69	22.58	22.67	24.50
	36 (RB_Pos:0)	LOW	QPSK	21.71	21.72	21.62	23.50
	36 (RB_Pos:20)	MIDDLE	QPSK	21.74	21.75	21.69	23.50
	36 (RB_Pos:39)	HIGH	QPSK	21.61	21.66	21.67	23.50
	75 (RB_Pos:0)	LOW	QPSK	21.64	21.69	21.59	23.50
	1 (RB_Pos:0)	LOW	16QAM	21.56	21.99	22.08	23.50
	1 (RB_Pos:38)	MIDDLE	16QAM	21.56	22.06	21.91	23.50
	1 (RB_Pos:74)	HIGH	16QAM	21.61	21.93	21.94	23.50
	36 (RB_Pos:0)	LOW	16QAM	20.78	20.84	20.68	22.50
	36 (RB_Pos:20)	MIDDLE	16QAM	20.80	20.84	20.63	22.50
	36 (RB_Pos:39)	HIGH	16QAM	20.87	20.78	20.73	22.50
	75 (RB_Pos:0)	LOW	16QAM	20.77	20.80	20.68	22.50
	1 (RB_Pos:0)	LOW	64QAM	20.85	20.96	21.11	22.50
	1 (RB_Pos:38)	MIDDLE	64QAM	20.90	21.06	20.88	22.50
	1 (RB_Pos:74)	HIGH	64QAM	20.79	20.89	21.08	22.50
	36 (RB_Pos:0)	LOW	64QAM	20.07	20.13	20.00	21.50
	36 (RB_Pos:20)	MIDDLE	64QAM	20.14	20.17	20.04	21.50

	36 (RB_Pos:39)	HIGH	64QAM	20.08	19.82	20.11	21.50
	75 (RB_Pos:0)	LOW	64QAM	19.86	19.89	19.72	21.50

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	22.71	22.88	22.73	24.00
	1 (RB_Pos:3)	MIDDLE	QPSK	22.79	22.95	22.79	24.00
	1 (RB_Pos:5)	HIGH	QPSK	22.74	22.89	22.72	24.00
	3 (RB_Pos:0)	LOW	QPSK	22.72	22.75	22.63	24.00
	3 (RB_Pos:1)	MIDDLE	QPSK	22.75	22.87	22.70	24.00
	3 (RB_Pos:3)	HIGH	QPSK	22.67	22.78	22.66	24.00
	6 (RB_Pos:0)	LOW	QPSK	21.75	21.93	21.75	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.81	22.21	21.65	23.00
	1 (RB_Pos:3)	MIDDLE	16QAM	21.89	22.24	21.73	23.00
	1 (RB_Pos:5)	HIGH	16QAM	21.85	22.16	21.67	23.00
	3 (RB_Pos:0)	LOW	16QAM	21.79	21.98	21.80	23.00
	3 (RB_Pos:1)	MIDDLE	16QAM	21.88	22.06	21.87	23.00
	3 (RB_Pos:3)	HIGH	16QAM	21.81	22.00	21.78	23.00
	6 (RB_Pos:0)	LOW	16QAM	20.73	20.83	20.85	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.78	21.25	20.75	22.00
	1 (RB_Pos:3)	MIDDLE	64QAM	20.99	21.35	20.85	22.00
	1 (RB_Pos:5)	HIGH	64QAM	21.09	21.13	20.75	22.00
	3 (RB_Pos:0)	LOW	64QAM	21.08	21.33	21.30	22.00
	3 (RB_Pos:1)	MIDDLE	64QAM	21.26	21.54	21.20	22.00
	3 (RB_Pos:3)	HIGH	64QAM	20.86	21.00	20.89	22.00
	6 (RB_Pos:0)	LOW	64QAM	19.97	19.97	20.08	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	22.71	22.86	22.74	24.00
	1 (RB_Pos:8)	MIDDLE	QPSK	22.80	22.96	22.83	24.00
	1 (RB_Pos:14)	HIGH	QPSK	22.65	22.85	22.69	24.00
	8 (RB_Pos:0)	LOW	QPSK	21.81	22.00	21.77	23.00
	8 (RB_Pos:3)	MIDDLE	QPSK	21.83	22.02	21.83	23.00
	8 (RB_Pos:7)	HIGH	QPSK	21.78	21.96	21.74	23.00
	15 (RB_Pos:0)	LOW	QPSK	21.75	21.91	21.76	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.56	22.14	21.67	23.00
	1 (RB_Pos:8)	MIDDLE	16QAM	21.60	22.26	21.72	23.00
	1 (RB_Pos:14)	HIGH	16QAM	21.45	22.14	21.59	23.00
	8 (RB_Pos:0)	LOW	16QAM	20.82	21.01	20.83	22.00
	8 (RB_Pos:3)	MIDDLE	16QAM	20.89	21.05	20.87	22.00
	8 (RB_Pos:7)	HIGH	16QAM	20.83	21.02	20.79	22.00

	15 (RB_Pos:0)	LOW	16QAM	20.72	20.96	20.69	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.88	21.42	20.59	22.00
	1 (RB_Pos:8)	MIDDLE	64QAM	20.66	21.57	20.92	22.00
	1 (RB_Pos:14)	HIGH	64QAM	20.71	21.07	20.65	22.00
	8 (RB_Pos:0)	LOW	64QAM	20.05	20.25	20.13	21.00
	8 (RB_Pos:3)	MIDDLE	64QAM	20.03	20.44	20.16	21.00
	8 (RB_Pos:7)	HIGH	64QAM	20.08	20.36	19.90	21.00
	15 (RB_Pos:0)	LOW	64QAM	19.78	19.92	19.77	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.64	22.86	22.67	24.00
	1 (RB_Pos:13)	MIDDLE	QPSK	22.83	23.06	22.88	24.00
	1 (RB_Pos:24)	HIGH	QPSK	22.56	22.81	22.61	24.00
	12 (RB_Pos:0)	LOW	QPSK	21.75	21.85	21.72	23.00
	12 (RB_Pos:6)	MIDDLE	QPSK	21.67	21.95	21.80	23.00
	12 (RB_Pos:13)	HIGH	QPSK	21.62	21.83	21.71	23.00
	25 (RB_Pos:0)	LOW	QPSK	21.60	21.81	21.68	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.70	22.24	21.69	23.00
	1 (RB_Pos:13)	MIDDLE	16QAM	21.95	22.49	21.91	23.00
	1 (RB_Pos:24)	HIGH	16QAM	21.72	22.29	21.71	23.00
	12 (RB_Pos:0)	LOW	16QAM	20.74	21.03	20.80	22.00
	12 (RB_Pos:6)	MIDDLE	16QAM	20.84	21.10	20.84	22.00
	12 (RB_Pos:13)	HIGH	16QAM	20.73	21.03	20.78	22.00
	25 (RB_Pos:0)	LOW	16QAM	20.67	20.95	20.67	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.75	21.21	20.68	22.00
	1 (RB_Pos:13)	MIDDLE	64QAM	21.14	21.75	20.90	22.00
	1 (RB_Pos:24)	HIGH	64QAM	21.00	21.63	20.63	22.00
	12 (RB_Pos:0)	LOW	64QAM	20.21	20.42	20.00	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	20.04	20.38	20.03	21.00
	12 (RB_Pos:13)	HIGH	64QAM	19.88	20.39	19.98	21.00
	25 (RB_Pos:0)	LOW	64QAM	19.87	20.23	19.79	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.77	22.97	22.84	24.00
	1 (RB_Pos:25)	MIDDLE	QPSK	22.75	22.98	22.86	24.00
	1 (RB_Pos:49)	HIGH	QPSK	22.61	22.92	22.75	24.00
	25 (RB_Pos:0)	LOW	QPSK	21.66	21.91	21.70	23.00
	25 (RB_Pos:12)	MIDDLE	QPSK	21.62	21.87	21.72	23.00
	25 (RB_Pos:25)	HIGH	QPSK	21.62	21.90	21.72	23.00
	50 (RB_Pos:0)	LOW	QPSK	21.62	21.86	21.72	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.58	22.25	21.73	23.00
	1 (RB_Pos:25)	MIDDLE	16QAM	21.59	22.27	21.74	23.00
	1 (RB_Pos:49)	HIGH	16QAM	21.53	22.21	21.67	23.00

	25 (RB_Pos:0)	LOW	16QAM	20.70	20.93	20.85	22.00
	25 (RB_Pos:12)	MIDDLE	16QAM	20.72	20.96	20.84	22.00
	25 (RB_Pos:25)	HIGH	16QAM	20.68	20.97	20.84	22.00
	50 (RB_Pos:0)	LOW	16QAM	20.71	20.94	20.79	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.66	21.44	20.94	22.00
	1 (RB_Pos:25)	MIDDLE	64QAM	20.86	21.50	20.72	22.00
	1 (RB_Pos:49)	HIGH	64QAM	20.71	21.36	20.93	22.00
	25 (RB_Pos:0)	LOW	64QAM	19.91	20.40	19.99	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	19.84	20.10	20.29	21.00
	25 (RB_Pos:25)	HIGH	64QAM	20.06	19.97	20.26	21.00
	50 (RB_Pos:0)	LOW	64QAM	19.73	20.23	20.10	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.96	23.06	22.93	24.00
	1 (RB_Pos:38)	MIDDLE	QPSK	22.87	23.05	22.95	24.00
	1 (RB_Pos:74)	HIGH	QPSK	22.89	23.03	22.91	24.00
	36 (RB_Pos:0)	LOW	QPSK	21.77	22.02	21.75	23.00
	36 (RB_Pos:20)	MIDDLE	QPSK	21.84	22.01	21.77	23.00
	36 (RB_Pos:39)	HIGH	QPSK	21.78	21.99	21.78	23.00
	75 (RB_Pos:0)	LOW	QPSK	21.72	21.87	21.71	23.00
	1 (RB_Pos:0)	LOW	16QAM	21.81	22.37	22.23	23.00
	1 (RB_Pos:38)	MIDDLE	16QAM	21.79	22.36	22.20	23.00
	1 (RB_Pos:74)	HIGH	16QAM	21.81	22.39	22.18	23.00
	36 (RB_Pos:0)	LOW	16QAM	20.87	21.09	20.80	22.00
	36 (RB_Pos:20)	MIDDLE	16QAM	20.89	21.10	20.83	22.00
	36 (RB_Pos:39)	HIGH	16QAM	20.75	21.11	20.79	22.00
	75 (RB_Pos:0)	LOW	16QAM	20.74	20.97	20.75	22.00
	1 (RB_Pos:0)	LOW	64QAM	20.99	21.60	21.28	22.00
	1 (RB_Pos:38)	MIDDLE	64QAM	20.98	21.70	21.43	22.00
	1 (RB_Pos:74)	HIGH	64QAM	21.15	21.48	21.13	22.00
	36 (RB_Pos:0)	LOW	64QAM	19.97	20.40	20.11	21.00
	36 (RB_Pos:20)	MIDDLE	64QAM	20.22	20.27	20.16	21.00
	36 (RB_Pos:39)	HIGH	64QAM	19.86	20.34	19.92	21.00
	75 (RB_Pos:0)	LOW	64QAM	19.80	20.29	19.94	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	22.87	23.10	22.88	24.00
	1 (RB_Pos:50)	MIDDLE	QPSK	22.73	23.11	22.88	24.00
	1 (RB_Pos:99)	HIGH	QPSK	22.92	**23.13**	22.88	24.00
	50 (RB_Pos:0)	LOW	QPSK	21.61	21.86	21.68	23.00
	50 (RB_Pos:25)	MIDDLE	QPSK	21.67	21.86	21.73	23.00
	50 (RB_Pos:50)	HIGH	QPSK	21.69	21.87	21.69	23.00
	100 (RB_Pos:0)	LOW	QPSK	21.71	21.89	21.69	23.00

	1 (RB_Pos:0)	LOW	16QAM	22.29	22.40	22.25	23.00
	1 (RB_Pos:50)	MIDDLE	16QAM	22.28	22.32	22.21	23.00
	1 (RB_Pos:99)	HIGH	16QAM	22.44	22.47	22.19	23.00
	50 (RB_Pos:0)	LOW	16QAM	20.73	20.95	20.78	22.00
	50 (RB_Pos:25)	MIDDLE	16QAM	20.71	20.96	20.76	22.00
	50 (RB_Pos:50)	HIGH	16QAM	20.79	20.93	20.75	22.00
	100 (RB_Pos:0)	LOW	16QAM	20.83	20.94	20.76	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.59	21.74	21.53	22.00
	1 (RB_Pos:50)	MIDDLE	64QAM	21.40	21.55	21.18	22.00
	1 (RB_Pos:99)	HIGH	64QAM	21.40	21.66	21.26	22.00
	50 (RB_Pos:0)	LOW	64QAM	19.85	20.07	20.26	21.00
	50 (RB_Pos:25)	MIDDLE	64QAM	20.09	20.29	20.03	21.00
	50 (RB_Pos:50)	HIGH	64QAM	20.01	20.23	19.97	21.00
	100 (RB_Pos:0)	LOW	64QAM	19.83	20.17	19.97	21.00

TDD LTE Band 38							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37775	38000	38225	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	23.15	23.23	23.08	24.00
	1 (RB_Pos:13)	MIDDLE	QPSK	23.21	23.11	23.06	24.00
	1 (RB_Pos:24)	HIGH	QPSK	23.17	23.20	23.13	24.00
	12 (RB_Pos:0)	LOW	QPSK	22.17	22.21	22.05	23.00
	12 (RB_Pos:6)	MIDDLE	QPSK	22.22	22.23	22.03	23.00
	12 (RB_Pos:13)	HIGH	QPSK	22.24	22.21	22.05	23.00
	25 (RB_Pos:0)	LOW	QPSK	22.17	22.18	22.03	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.46	22.55	22.45	23.00
	1 (RB_Pos:13)	MIDDLE	16QAM	22.54	22.55	22.50	23.00
	1 (RB_Pos:24)	HIGH	16QAM	22.53	22.49	22.50	23.00
	12 (RB_Pos:0)	LOW	16QAM	21.32	21.33	21.22	22.00
	12 (RB_Pos:6)	MIDDLE	16QAM	21.36	21.29	21.25	22.00
	12 (RB_Pos:13)	HIGH	16QAM	21.35	21.31	21.23	22.00
	25 (RB_Pos:0)	LOW	16QAM	21.30	21.32	21.14	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.42	21.60	21.67	22.00
	1 (RB_Pos:13)	MIDDLE	64QAM	21.80	21.81	21.55	22.00
	1 (RB_Pos:24)	HIGH	64QAM	21.69	21.61	21.75	22.00
	12 (RB_Pos:0)	LOW	64QAM	20.56	20.77	20.67	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	20.74	20.47	20.39	21.00
	12 (RB_Pos:13)	HIGH	64QAM	20.37	20.61	20.51	21.00
	25 (RB_Pos:0)	LOW	64QAM	20.40	20.61	20.28	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37800	38000	38200	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	23.11	23.22	23.17	24.00

	1 (RB_Pos:25)	MIDDLE	QPSK	23.12	23.23	23.03	24.00
	1 (RB_Pos:49)	HIGH	QPSK	23.10	23.21	23.05	24.00
	25 (RB_Pos:0)	LOW	QPSK	22.18	22.22	22.15	23.00
	25 (RB_Pos:12)	MIDDLE	QPSK	22.24	22.23	22.15	23.00
	25 (RB_Pos:25)	HIGH	QPSK	22.17	22.20	22.07	23.00
	50 (RB_Pos:0)	LOW	QPSK	22.20	22.22	22.14	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.49	22.60	22.54	23.00
	1 (RB_Pos:25)	MIDDLE	16QAM	22.44	22.66	22.42	23.00
	1 (RB_Pos:49)	HIGH	16QAM	22.51	22.65	22.49	23.00
	25 (RB_Pos:0)	LOW	16QAM	21.33	21.32	21.25	22.00
	25 (RB_Pos:12)	MIDDLE	16QAM	21.37	21.34	21.29	22.00
	25 (RB_Pos:25)	HIGH	16QAM	21.31	21.32	21.19	22.00
	50 (RB_Pos:0)	LOW	16QAM	21.31	21.30	21.29	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.55	21.82	21.57	22.00
	1 (RB_Pos:25)	MIDDLE	64QAM	21.58	21.83	21.37	22.00
	1 (RB_Pos:49)	HIGH	64QAM	21.46	21.83	21.78	22.00
	25 (RB_Pos:0)	LOW	64QAM	20.72	20.68	20.38	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	20.68	20.50	20.71	21.00
	25 (RB_Pos:25)	HIGH	64QAM	20.54	20.34	20.19	21.00
	50 (RB_Pos:0)	LOW	64QAM	20.61	20.59	20.38	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37825	38000	38175	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	23.19	23.19	23.14	24.00
	1 (RB_Pos:38)	MIDDLE	QPSK	23.18	23.20	23.22	24.00
	1 (RB_Pos:74)	HIGH	QPSK	23.20	23.09	23.07	24.00
	36 (RB_Pos:0)	LOW	QPSK	22.19	22.23	22.16	23.00
	36 (RB_Pos:20)	MIDDLE	QPSK	22.21	22.28	22.18	23.00
	36 (RB_Pos:39)	HIGH	QPSK	22.29	22.23	22.16	23.00
	75 (RB_Pos:0)	LOW	QPSK	22.32	22.22	22.18	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.53	22.70	22.52	23.00
	1 (RB_Pos:38)	MIDDLE	16QAM	22.46	22.66	22.49	23.00
	1 (RB_Pos:74)	HIGH	16QAM	22.56	22.54	22.36	23.00
	36 (RB_Pos:0)	LOW	16QAM	21.28	21.33	21.27	22.00
	36 (RB_Pos:20)	MIDDLE	16QAM	21.34	21.34	21.27	22.00
	36 (RB_Pos:39)	HIGH	16QAM	21.39	21.31	21.27	22.00
	75 (RB_Pos:0)	LOW	16QAM	21.45	21.36	21.28	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.67	22.03	21.73	22.00
	1 (RB_Pos:38)	MIDDLE	64QAM	21.76	21.98	21.56	22.00
	1 (RB_Pos:74)	HIGH	64QAM	21.88	21.84	21.69	22.00
	36 (RB_Pos:0)	LOW	64QAM	20.67	20.63	20.70	21.00
	36 (RB_Pos:20)	MIDDLE	64QAM	20.67	20.41	20.37	21.00
	36 (RB_Pos:39)	HIGH	64QAM	20.45	20.53	20.49	21.00
	75 (RB_Pos:0)	LOW	64QAM	20.51	20.47	20.52	21.00
Bandwidth	RB Set	RB offest	Modulation	Power (dBm)			

(MHz)	Channel			37850	38000	38150	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	23.17	23.18	23.12	24.00
	1 (RB_Pos:50)	MIDDLE	QPSK	23.14	23.16	23.09	24.00
	1 (RB_Pos:99)	HIGH	QPSK	**23.28**	23.20	23.18	24.00
	50 (RB_Pos:0)	LOW	QPSK	22.26	22.25	22.17	23.00
	50 (RB_Pos:25)	MIDDLE	QPSK	22.39	22.28	22.18	23.00
	50 (RB_Pos:50)	HIGH	QPSK	22.35	22.24	22.16	23.00
	100 (RB_Pos:0)	LOW	QPSK	22.35	22.21	22.15	23.00
	1 (RB_Pos:0)	LOW	16QAM	22.50	22.42	22.56	23.00
	1 (RB_Pos:50)	MIDDLE	16QAM	22.51	22.41	22.53	23.00
	1 (RB_Pos:99)	HIGH	16QAM	22.53	22.26	22.46	23.00
	50 (RB_Pos:0)	LOW	16QAM	21.35	21.38	21.40	22.00
	50 (RB_Pos:25)	MIDDLE	16QAM	21.48	21.39	21.33	22.00
	50 (RB_Pos:50)	HIGH	16QAM	21.44	21.33	21.29	22.00
	100 (RB_Pos:0)	LOW	16QAM	21.46	21.37	21.25	22.00
	1 (RB_Pos:0)	LOW	64QAM	21.84	21.34	21.73	22.00
	1 (RB_Pos:50)	MIDDLE	64QAM	21.85	21.36	21.86	22.00
	1 (RB_Pos:99)	HIGH	64QAM	21.86	21.30	21.76	22.00
	50 (RB_Pos:0)	LOW	64QAM	20.73	20.61	20.77	21.00
	50 (RB_Pos:25)	MIDDLE	64QAM	20.87	20.51	20.55	21.00
	50 (RB_Pos:50)	HIGH	64QAM	20.81	20.74	20.45	21.00
	100 (RB_Pos:0)	LOW	64QAM	20.57	20.44	20.29	21.00

TDD LTE Band 41							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40065	40765	41215	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	23.25	23.27	23.20	23.80
	1 (RB_Pos:13)	MIDDLE	QPSK	23.19	23.26	23.18	23.80
	1 (RB_Pos:24)	HIGH	QPSK	23.10	23.12	23.21	23.80
	12 (RB_Pos:0)	LOW	QPSK	22.34	22.20	22.12	22.80
	12 (RB_Pos:6)	MIDDLE	QPSK	22.36	22.18	22.21	22.80
	12 (RB_Pos:13)	HIGH	QPSK	22.34	22.19	22.14	22.80
	25 (RB_Pos:0)	LOW	QPSK	22.32	22.15	22.15	22.80
	1 (RB_Pos:0)	LOW	16QAM	22.60	22.55	22.61	22.80
	1 (RB_Pos:13)	MIDDLE	16QAM	22.70	22.54	22.68	22.80
	1 (RB_Pos:24)	HIGH	16QAM	22.56	22.42	22.57	22.80
	12 (RB_Pos:0)	LOW	16QAM	21.47	21.27	21.35	21.80
	12 (RB_Pos:6)	MIDDLE	16QAM	21.52	21.27	21.35	21.80
	12 (RB_Pos:13)	HIGH	16QAM	21.44	21.24	21.32	21.80
	25 (RB_Pos:0)	LOW	16QAM	21.42	21.33	21.21	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.79	21.47	21.63	21.80
	1 (RB_Pos:13)	MIDDLE	64QAM	21.74	21.76	21.78	21.80

	1 (RB_Pos:24)	HIGH	64QAM	21.62	21.42	21.49	21.80
	12 (RB_Pos:0)	LOW	64QAM	20.43	20.55	20.63	20.80
	12 (RB_Pos:6)	MIDDLE	64QAM	20.78	20.45	20.68	20.80
	12 (RB_Pos:13)	HIGH	64QAM	20.49	20.65	20.34	20.80
	25 (RB_Pos:0)	LOW	64QAM	20.35	20.54	20.31	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40090	40765	41190	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	23.26	23.21	23.12	23.80
	1 (RB_Pos:25)	MIDDLE	QPSK	23.26	23.18	23.20	23.80
	1 (RB_Pos:49)	HIGH	QPSK	23.23	23.13	23.19	23.80
	25 (RB_Pos:0)	LOW	QPSK	22.32	22.19	22.14	22.80
	25 (RB_Pos:12)	MIDDLE	QPSK	22.33	22.22	22.15	22.80
	25 (RB_Pos:25)	HIGH	QPSK	22.30	22.23	22.14	22.80
	50 (RB_Pos:0)	LOW	QPSK	22.31	22.19	22.15	22.80
	1 (RB_Pos:0)	LOW	16QAM	22.54	22.62	22.55	22.80
	1 (RB_Pos:25)	MIDDLE	16QAM	22.55	22.58	22.54	22.80
	1 (RB_Pos:49)	HIGH	16QAM	22.61	22.54	22.60	22.80
	25 (RB_Pos:0)	LOW	16QAM	21.40	21.26	21.27	21.80
	25 (RB_Pos:12)	MIDDLE	16QAM	21.43	21.31	21.32	21.80
	25 (RB_Pos:25)	HIGH	16QAM	21.38	21.31	21.25	21.80
	50 (RB_Pos:0)	LOW	16QAM	21.41	21.31	21.28	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.60	21.62	21.63	21.80
	1 (RB_Pos:25)	MIDDLE	64QAM	21.56	21.66	21.46	21.80
	1 (RB_Pos:49)	HIGH	64QAM	21.68	21.46	21.72	21.80
	25 (RB_Pos:0)	LOW	64QAM	20.72	20.41	20.37	20.80
	25 (RB_Pos:12)	MIDDLE	64QAM	20.58	20.54	20.52	20.80
	25 (RB_Pos:25)	HIGH	64QAM	20.53	20.59	20.45	20.80
	50 (RB_Pos:0)	LOW	64QAM	20.61	20.30	20.59	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40115	40765	41165	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	23.18	23.24	23.13	23.80
	1 (RB_Pos:38)	MIDDLE	QPSK	23.17	23.23	23.16	23.80
	1 (RB_Pos:74)	HIGH	QPSK	23.22	23.09	23.12	23.80
	36 (RB_Pos:0)	LOW	QPSK	22.32	22.22	22.12	22.80
	36 (RB_Pos:20)	MIDDLE	QPSK	22.35	22.27	22.12	22.80
	36 (RB_Pos:39)	HIGH	QPSK	22.28	22.21	22.12	22.80
	75 (RB_Pos:0)	LOW	QPSK	22.29	22.24	22.13	22.80
	1 (RB_Pos:0)	LOW	16QAM	22.62	22.68	22.49	22.80
	1 (RB_Pos:38)	MIDDLE	16QAM	22.53	22.62	22.46	22.80
	1 (RB_Pos:74)	HIGH	16QAM	22.54	22.52	22.45	22.80
	36 (RB_Pos:0)	LOW	16QAM	21.41	21.32	21.27	21.80
	36 (RB_Pos:20)	MIDDLE	16QAM	21.41	21.33	21.28	21.80
	36 (RB_Pos:39)	HIGH	16QAM	21.38	21.33	21.26	21.80

	75 (RB_Pos:0)	LOW	16QAM	21.45	21.33	21.22	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.70	21.69	21.76	21.80
	1 (RB_Pos:38)	MIDDLE	64QAM	21.59	21.76	21.73	21.80
	1 (RB_Pos:74)	HIGH	64QAM	21.59	21.62	21.39	21.80
	36 (RB_Pos:0)	LOW	64QAM	20.50	20.65	20.39	20.80
	36 (RB_Pos:20)	MIDDLE	64QAM	20.60	20.72	20.59	20.80
	36 (RB_Pos:39)	HIGH	64QAM	20.69	20.38	20.39	20.80
	75 (RB_Pos:0)	LOW	64QAM	20.60	20.43	20.48	20.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40140	40765	41140	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	**23.29**	23.19	23.25	23.80
	1 (RB_Pos:50)	MIDDLE	QPSK	23.25	23.14	23.16	23.80
	1 (RB_Pos:99)	HIGH	QPSK	23.27	23.06	23.20	23.80
	50 (RB_Pos:0)	LOW	QPSK	22.36	22.24	22.28	22.80
	50 (RB_Pos:25)	MIDDLE	QPSK	22.35	22.26	22.16	22.80
	50 (RB_Pos:50)	HIGH	QPSK	22.32	22.24	22.15	22.80
	100 (RB_Pos:0)	LOW	QPSK	22.32	22.23	22.29	22.80
	1 (RB_Pos:0)	LOW	16QAM	22.63	22.37	22.65	22.80
	1 (RB_Pos:50)	MIDDLE	16QAM	22.62	22.38	22.56	22.80
	1 (RB_Pos:99)	HIGH	16QAM	22.58	22.29	22.58	22.80
	50 (RB_Pos:0)	LOW	16QAM	21.42	21.31	21.37	21.80
	50 (RB_Pos:25)	MIDDLE	16QAM	21.39	21.33	21.31	21.80
	50 (RB_Pos:50)	HIGH	16QAM	21.39	21.34	21.27	21.80
	100 (RB_Pos:0)	LOW	16QAM	21.40	21.30	21.34	21.80
	1 (RB_Pos:0)	LOW	64QAM	21.78	21.69	21.77	21.80
	1 (RB_Pos:50)	MIDDLE	64QAM	21.71	21.66	21.79	21.80
	1 (RB_Pos:99)	HIGH	64QAM	21.60	21.60	21.71	21.80
	50 (RB_Pos:0)	LOW	64QAM	20.66	20.79	20.71	20.80
	50 (RB_Pos:25)	MIDDLE	64QAM	20.53	20.58	20.70	20.80
	50 (RB_Pos:50)	HIGH	64QAM	20.40	20.63	20.61	20.80
	100 (RB_Pos:0)	LOW	64QAM	20.38	20.40	20.39	20.80

8.4 WIFI

8.4.1 2.4G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	**18.18**	20.00	Yes
		6	2437	17.49	20.00	No
		11	2462	17.82	20.00	No
	802.11g	1	2412	16.88	18.00	No
		6	2437	16.08	18.00	No
		11	2462	16.38	18.00	No
	802.11n(HT20)	1	2412	15.71	17.00	No
		6	2437	15.08	17.00	No
		11	2462	14.21	16.00	No
	802.11n(HT40)	3	2422	13.09	14.00	No
		6	2437	15.65	17.00	No
		9	2452	12.34	13.50	No

8.4.2 5G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	17.23	19.00	No
		44	5220	17.18	19.00	No
		48	5240	17.04	19.00	No
	802.11n(HT20)	36	5180	17.07	19.00	No
		44	5220	17.01	19.00	No
		48	5240	16.92	18.00	No
	802.11n(HT40)	38	5190	16.27	18.00	No
		46	5230	**17.21**	19.00	Yes
	802.11ac(VHT20)	36	5180	11.21	13.00	No
		44	5220	11.18	13.00	No
		48	5240	11.05	13.00	No
	802.11ac(VHT40)	38	5190	9.42	11.00	No
		46	5230	9.39	11.00	No
	802.11ac(VHT80)	42	5210	8.32	10.00	No
5.3 (5.25~5.35)	802.11a	52	5260	**17.06**	19.00	Yes
		60	5300	16.76	18.00	No
		64	5320	11.75	13.00	No
	802.11n(HT20)	52	5260	15.84	17.00	No
		60	5300	15.60	17.00	No
		64	5320	11.55	13.00	No
	802.11n(HT40)	54	5270	13.11	15.00	No
		62	5310	11.05	13.00	No
	802.11ac(VHT20)	52	5260	11.02	13.00	No
		60	5300	10.72	12.00	No
		64	5320	10.59	12.00	No
	802.11ac(VHT40)	54	5270	9.31	11.00	No
		62	5310	8.83	10.00	No
	802.11ac(VHT80)	58	5290	7.78	9.00	No
5.6 (5.47~5.725)	802.11a	100	5500	13.78	15.00	No
		116	5580	**17.23**	19.00	Yes
		140	5700	13.58	15.00	No
		144	5720	16.72	18.00	No
	802.11n(HT20)	100	5500	13.85	15.00	No
		116	5580	15.61	17.00	No
		140	5700	12.64	14.00	No
		144	5720	15.57	17.00	No
	802.11n(HT40)	102	5510	13.35	15.00	No
		118	5590	13.06	15.00	No
		134	5670	13.22	15.00	No
		142	5710	13.28	15.00	No
	802.11ac(VHT20)	100	5500	11.21	13.00	No
		116	5580	10.78	12.00	No

		140	5700	11.14	13.00	No
		144	5720	11.08	13.00	No
	802.11ac(VHT40)	102	5510	9.53	11.00	No
		118	5590	9.06	11.00	No
		134	5670	9.96	11.00	No
		142	5710	9.50	11.00	No
	802.11ac(VHT80)	106	5530	8.58	10.00	No
		122	5610	7.79	9.00	No
		138	5690	8.69	10.00	No
5.8 (5.725~5.850)	802.11a	149	5745	**16.28**	17.00	Yes
		157	5785	15.95	17.00	No
		165	5825	15.91	17.00	No
	802.11n(HT20)	149	5745	14.27	16.00	No
		157	5785	14.11	16.00	No
		165	5825	13.92	15.00	No
	802.11n(HT40)	151	5755	13.49	15.00	No
		159	5795	13.32	15.00	No
	802.11ac(VHT20)	149	5745	11.47	13.00	No
		157	5785	11.36	13.00	No
		165	5825	11.12	13.00	No
	802.11ac(VHT40)	151	5755	9.77	11.00	No
		159	5795	9.54	11.00	No
	802.11ac(VHT80)	155	5775	7.96	8.00	No

Note: When multiple channel bandwidth configurations in a frequency band have the same maximum Tune-Up output power, the test configuration is determined by applying the following steps sequentially.

1) The largest channel bandwidth configuration is selected among the multiple configurations in a frequency band with the same maximum Tune-Up output power.

2) If multiple configurations have the same maximum Tune-Up output power and largest channel bandwidth, the lowest order modulation among the largest channel bandwidth configurations is selected.

3) If multiple configurations have the same maximum Tune-Up output power, largest channel bandwidth and lowest order modulation is selected.

4) When multiple transmission modes (802.11a/n/ac) have the same maximum Tune-Up output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then ac.

8.5 Bluetooth

Mode	GFSK			π/4-DQPSK		
Channel	0	39	78	0	39	78
Frequency (MHz)	2402	2441	2480	2402	2441	2480
Output Power (dBm)	11.96	12.53	12.11	11.65	12.00	11.75
Tune-Up Limit (dBm)	13.00			13.00		
Mode	8-DPSK			/		
Channel	0	39	78	/	/	/
Frequency (MHz)	2402	2441	2480	/	/	/
Output Power (dBm)	11.85	12.22	11.90	/	/	/
Tune-Up Limit (dBm)	13.00			/		
Mode	BLE-1Mbps			BLE-2Mbps		
Channel	0	19	39	0	19	39
Frequency (MHz)	2402	2440	2480	2402	2440	2480
Output Power (dBm)	6.28	6.98	7.90	6.37	7.07	7.96
Tune-Up Limit (dBm)	8.00			8.00		

8.6 Power Reduction List

1. This mobile phone device supports the receiver detection mechanism. This device uses the receiver to indicate whether the user is making a call in head or body.
2. When there is a voice call (including VOIP) and the audio is actively routed through the earpiece receiver, which indicating the head exposure condition it will trigger the head exposure reduced the power.
3. When there is a voice call (including VOIP), and the audio is actively routed through the headset or speaker, which indicating the body exposure conditions will trigger the body exposure reduced the power.
4. When this device used data mode only, and the receiver will not work too, the reduced the power are same as body exposure.

WWAN Reduced Power Level Table

Reduced level	Receiver state	Antenna	Transmitting conditions	Band
OFF	Receiver on	Up	WWAN Only	LTE B12/17/26
	Receiver off			GSM850/1900
				WCDMA B4/B5
				LTE B5/B12/B17/B26/B38/B41
LEVEL1	Receiver on	Up	WWAN Only	GSM850/1900
				WCDMA B2/B4/B5
				LTE B2/B4/B5/B7/B66/B38/B41
LEVEL2	Receiver on	Up	WWAN + WLAN 2.4G	GSM850/1900
				WCDMA B2/B4/B5
				LTE B2/B4/B5/B7/B26/B66/B38/B41
LEVEL3	Receiver on	Up	WWAN + WLAN 5G	GSM850/1900
				WCDMA B2/B4/B5
				LTE B2/B4/B5/B7/B26/B66/B38/B41
LEVEL4	Receiver off	Up	WWAN Only	WCDMA B2
				LTE B2/B4/B7/66
LEVEL5	Receiver off	Up	WWAN + WLAN 2.4G	GSM1900
				WCDMA B2
				LTE B2/B4/B7/B66/B38/B41
LEVEL6	Receiver off	Up	WWAN + WLAN 5G	GSM1900
				WCDMA B2
				LTE B2/B4/B7/B66/B38/B41

Reduced level	Receiver state	Antenna	Transmitting conditions	Band
OFF	Receiver on	Down	WWAN Only	GSM850/1900
				WCDMA B2/B4/B5
				LTE B2/B4/B5/B7/B12/B17B26/B66/B38/B41
	Receiver off			GSM 850/1900
				WCDMA B5
				LTE B5/B7/B12/B17/B26/B38/B41
LEVEL1	Receiver on	Down	WWAN Only	/
LEVEL2	Receiver on	Down	WWAN + WLAN 2.4G	/
LEVEL3	Receiver on	Down	WWAN + WLAN 5G	/
LEVEL4	Receiver off	Down	WWAN Only	WCDMA B2/B4
				LTE B2/B4/B66
LEVEL5	Receiver off	Down	WWAN + WLAN 2.4G	WCDMA B2/B4
				LTE B2/B4/B66
LEVEL6	Receiver off	Down	WWAN + WLAN 5G	WCDMA B2/B4
				LTE B2/B4/B66

WLAN Reduced Power Level Table

Reduced level	Receiver state	Antenna	Transmitting conditions	Band
LEVEL1	Receiver on	Up	WLAN Only	2.4G&5G WLAN
LEVEL2	Receiver on	Up	WWAN + WLAN 2.4G	2.4G WLAN
LEVEL3	Receiver on	Up	WWAN + WLAN 5G	5G WLAN
LEVEL4	Receiver off	Up	WLAN Only	2.4G&5G WLAN
LEVEL5	Receiver off	Up	WWAN + WLAN 2.4G	2.4G WLAN
LEVEL6	Receiver off	Up	WWAN + WLAN 5G	5G WLAN

WWAN Antenna Up Power Table

Mode	WWAN Antenna								
	Full Power	Receiver on			Receiver off				
		Head			Body-Worn			Hotspot	
		Standalone	Simultaneous transmission		Standalone	Simultaneous transmission		Simultaneous transmission	
			+2.4G WLAN	+5G WLAN		+2.4G WLAN	+5G WLAN	+2.4G WLAN	+5G WLAN
	Off	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6	LEVEL5	LEVEL6
GSM850	28.50	26.50	24.50	24.50	28.50	28.50	28.50	28.50	28.50
GSM1900	27.50	23.00	21.00	21.00	27.50	25.50	25.50	25.50	25.50
WCDMA B2	24.30	18.50	16.30	16.30	21.80	19.80	19.80	19.80	19.80
WCDMA B4	24.30	19.30	17.30	17.30	24.30	24.30	24.30	24.30	24.30
WCDMA B5	24.50	23.00	21.00	21.00	24.50	24.50	24.50	24.50	24.50
LTE B2	24.00	18.00	16.00	16.00	21.50	19.50	19.50	19.50	19.50
LTE B4	24.00	19.00	17.00	17.00	23.00	22.00	22.00	22.00	22.00
LTE B5	24.50	23.00	21.00	21.00	24.50	24.50	24.50	24.50	24.50
LTE B7	23.80	17.30	15.30	15.30	22.30	20.30	20.30	20.30	20.30
LTE B12	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B17	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B26	24.50	24.50	22.50	22.50	24.50	24.50	24.50	24.50	24.50
LTE B66	24.00	16.50	14.50	14.50	19.05	18.00	18.00	18.00	18.00
LTE B38	24.00	18.50	16.50	16.50	24.00	23.50	23.50	23.50	23.50
LTE B41	23.80	18.80	16.80	16.80	23.80	23.30	23.30	23.30	23.30

WWAN Antenna Down Power Table

Mode	WWAN Antenna								
	Full Power	Receiver on			Receiver off				
		Head			Body-Worn			Hotspot	
		Standalone	Simultaneous transmission		Standalone	Simultaneous transmission		Simultaneous transmission	
			+2.4G WLAN	+5G WLAN		+2.4G WLAN	+5G WLAN	+2.4G WLAN	+5G WLAN
	Off	LEVEL1	LEVEL2	LEVEL3	LEVEL4	LEVEL5	LEVEL6	LEVEL5	LEVEL6
GSM850	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50
GSM1900	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50	27.50
WCDMA B2	24.30	24.30	24.30	24.30	23.30	23.30	23.30	23.30	23.30
WCDMA B4	24.30	24.30	24.30	24.30	22.30	22.30	22.30	22.30	22.30
WCDMA B5	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B2	24.00	24.00	24.00	24.00	22.00	22.00	22.00	22.00	22.00
LTE B4	24.00	24.00	24.00	24.00	21.00	21.00	21.00	21.00	21.00
LTE B5	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B7	23.80	23.80	23.80	23.80	23.80	23.80	23.80	23.80	23.80
LTE B12	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B17	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B26	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50	24.50
LTE B66	24.00	24.00	24.00	24.00	20.50	20.50	20.50	20.50	20.50
LTE B38	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
LTE B41	23.80	23.80	23.80	23.80	23.80	23.80	23.80	23.80	23.80

WLAN Antenna Power Table

Mode	WLAN Antenna								
	Full Power	Head			Body				
		/			Body-Worn		Hotspot	Limbs	
		Standalone	Simultaneous transmission +2.4G WLAN / 5G WLAN	Simultaneous transmission +2.4G WLAN / 5G WLAN	Standalone	Simultaneous transmission +2.4G WLAN / 5G WLAN	Simultaneous transmission +2.4G WLAN / 5G WLAN	Standalone	Simultaneous transmission +2.4G WLAN / 5G WLAN
	Off	Level1	Level2	Level3	Level4	Level5	Level6	Level4	Level5&6
WLAN 2.4G 802.11b	20.00	15.50	12.50	12.50	20.00	19.00	19.00	20.00	20.00
WLAN 2.4G 802.11g	18.00	13.50	10.50	10.50	18.00	17.00	17.00	18.00	18.00
WLAN 2.4G 802.11n20	17.00	12.50	9.50	9.50	17.00	16.00	16.00	17.00	17.00
WLAN 2.4G 802.11n40	17.00	12.50	9.50	9.50	17.00	16.00	16.00	17.00	17.00
WLAN 5.2G 802.11a	19.00	13.50	10.50	10.50	19.00	18.00	18.00	19.00	19.00
WLAN 5.2G 802.11n20	19.00	13.50	10.50	10.50	19.00	18.00	18.00	19.00	19.00
WLAN 5.2G 802.11n40	19.00	13.50	10.50	10.50	19.00	18.00	18.00	19.00	19.00
WLAN 5.2G 802.11ac20	13.00	7.50	4.50	4.50	13.00	12.00	12.00	13.00	13.00
WLAN 5.2G 802.11ac40	11.00	5.50	2.50	2.50	11.00	10.00	10.00	11.00	11.00
WLAN 5.2G 802.11ac80	10.00	4.50	10.00	10.00	10.00	9.00	9.00	10.00	10.00
WLAN 5.3G 802.11a	19.00	13.50	10.50	10.50	19.00	18.00	18.00	19.00	19.00
WLAN 5.3G 802.11n20	17.00	11.50	8.50	8.50	17.00	16.00	16.00	17.00	16.00
WLAN 5.3G 802.11n40	15.00	9.50	6.50	6.50	15.00	14.00	14.00	15.00	14.00
WLAN 5.3G 802.11ac20	13.00	7.50	4.50	4.50	13.00	12.00	12.00	13.00	12.00
WLAN 5.3G 802.11ac40	11.00	5.50	2.50	2.50	11.00	10.00	10.00	11.00	10.00
WLAN 5.3G 802.11ac80	9.00	3.50	9.00	9.00	9.00	8.00	8.00	9.00	8.00
WLAN 5.6G 802.11a	19.00	13.50	10.50	10.50	19.00	18.00	18.00	19.00	18.00
WLAN 5.6G 802.11n20	17.00	11.50	8.50	8.50	17.00	16.00	16.00	17.00	16.00
WLAN 5.6G 802.11n40	15.00	9.50	6.50	6.50	15.00	14.00	14.00	15.00	14.00
WLAN 5.6G 802.11ac20	13.00	7.50	4.50	4.50	13.00	12.00	12.00	13.00	12.00
WLAN 5.6G 802.11ac40	11.00	5.50	2.50	2.50	11.00	10.00	10.00	11.00	10.00
WLAN 5.6G 802.11ac80	10.00	4.50	10.00	10.00	10.00	9.00	9.00	10.00	9.00
WLAN 5.8G 802.11a	17.00	11.50	8.50	8.50	17.00	16.00	16.00	17.00	16.00
WLAN 5.8G 802.11n20	16.00	10.50	7.50	7.50	16.00	15.00	15.00	16.00	15.00
WLAN 5.8G 802.11n40	15.00	9.50	6.50	6.50	15.00	14.00	14.00	15.00	14.00
WLAN 5.8G 802.11ac20	13.00	7.50	4.50	4.50	13.00	12.00	12.00	13.00	12.00
WLAN 5.8G 802.11ac40	11.00	5.50	2.50	2.50	11.00	10.00	10.00	11.00	10.00
WLAN 5.8G 802.11ac80	8.00	2.50	8.00	8.00	8.00	7.00	7.00	8.00	7.00
Bluetooth	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00

8.6.1 Power Reduced Level 1-Up Antenna of GSM 850

GSM 850								
GSM850 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power (dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	30.82	30.88	30.60	31.50	21.63	21.69	21.41	22.31
GPRS (GMSK, 1-Slot)	30.73	30.66	30.30	31.50	21.54	21.47	21.11	22.31
GPRS (GMSK, 2-Slots)	28.24	27.93	27.95	28.50	22.11	21.80	21.82	22.37
GPRS (GMSK, 3-Slots)	26.66	26.85	26.60	27.50	22.24	22.43	22.18	23.08
GPRS (GMSK, 4-Slots)	25.63	25.79	25.60	26.50	22.45	**22.61**	22.42	23.32
EGPRS (8PSK, 1-Slot)	24.55	24.50	24.41	25.50	15.36	15.31	15.22	16.31
EGPRS (8PSK, 2-Slots)	22.21	22.72	22.16	23.50	16.08	16.59	16.03	17.37
EGPRS (8PSK, 3-Slots)	21.54	21.27	21.33	22.50	17.12	16.85	16.91	18.08
EGPRS (8PSK, 4-Slots)	20.57	21.11	20.48	21.50	17.39	17.93	17.30	18.32

8.6.2 Power Reduced Level 2&3-Up Antenna of GSM 850

GSM 850								
GSM850 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power (dBm)			Tune-up Limit (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	28.99	28.86	28.62	29.50	19.80	19.67	19.43	20.31
GPRS (GMSK, 1-Slot)	28.74	28.37	28.68	29.50	19.55	19.18	19.49	20.31
GPRS (GMSK, 2-Slots)	25.93	25.89	25.88	26.50	19.80	19.76	19.75	20.37
GPRS (GMSK, 3-Slots)	24.77	24.82	24.81	25.50	20.35	20.40	20.39	21.08
GPRS (GMSK, 4-Slots)	23.70	23.75	23.74	24.50	20.52	**20.57**	20.56	21.32
EGPRS (8PSK, 1-Slot)	22.68	22.92	22.44	23.50	13.49	13.73	13.25	14.31
EGPRS (8PSK, 2-Slots)	20.60	20.55	20.24	21.50	14.47	14.42	14.11	15.37
EGPRS (8PSK, 3-Slots)	19.20	19.41	19.53	20.50	14.78	14.99	15.11	16.08
EGPRS (8PSK, 4-Slots)	18.49	18.98	18.55	19.50	15.31	15.80	15.37	16.32

8.6.3 Power Reduced Level 1-Up Antenna of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up Limit (dBm)	Frame-Averaged power(dBm)			Tune-up Limit (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	25.67	25.80	25.42	26.00	16.48	16.61	16.23	16.81
GPRS (GMSK, 1-Slot)	25.53	25.58	25.45	26.00	16.34	16.39	16.26	16.81
GPRS (GMSK, 2-Slots)	23.41	23.27	23.56	24.00	17.28	17.14	17.43	17.87
GPRS (GMSK, 3-Slots)	22.65	22.67	22.41	23.00	18.23	**18.25**	17.99	18.58
GPRS (GMSK, 4-Slots)	20.17	20.64	20.42	21.00	16.99	17.46	17.24	17.82
EGPRS (8PSK, 1-Slot)	21.43	21.93	21.62	22.00	12.24	12.74	12.43	12.81
EGPRS (8PSK, 2-Slots)	19.72	19.79	19.42	21.00	13.59	13.66	13.29	14.87
EGPRS (8PSK, 3-Slots)	18.73	18.79	18.34	19.00	14.31	14.37	13.92	14.58
EGPRS (8PSK, 4-Slots)	17.59	17.52	17.60	18.00	14.41	14.34	14.42	14.82

8.6.4 Power Reduced Level 2&3-Up Antenna of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power(dBm)			Tune-up
Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
GSM (GMSK, 1-Slot)	23.48	23.67	23.43	24.00	14.29	14.48	14.24	14.81
GPRS (GMSK, 1-Slot)	23.70	23.41	23.42	24.00	14.51	14.22	14.23	14.81
GPRS (GMSK, 2-Slots)	21.29	21.28	21.37	22.00	15.16	15.15	15.24	15.87
GPRS (GMSK, 3-Slots)	20.42	20.51	20.28	21.00	16.00	**16.09**	15.86	16.58
GPRS (GMSK, 4-Slots)	18.54	18.31	18.16	19.00	15.36	15.13	14.98	15.82
EGPRS (8PSK, 1-Slot)	19.70	19.94	19.69	20.00	10.51	10.75	10.50	10.81
EGPRS (8PSK, 2-Slots)	18.00	17.80	17.74	19.00	11.87	11.67	11.61	12.87
EGPRS (8PSK, 3-Slots)	16.81	16.78	16.28	17.00	12.39	12.36	11.86	12.58
EGPRS (8PSK, 4-Slots)	15.41	15.40	15.42	16.00	12.23	12.22	12.24	12.82

8.6.5 Power Reduced Level 5&6 of GSM 1900

GSM 1900								
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power(dBm)			Tune-up
Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
GSM (GMSK, 1-Slot)	27.88	28.30	27.89	28.50	18.69	19.11	18.70	19.31
GPRS (GMSK, 1-Slot)	27.85	28.14	27.68	28.50	18.66	18.95	18.49	19.31
GPRS (GMSK, 2-Slots)	25.75	26.13	25.99	26.50	19.62	20.00	19.86	20.37
GPRS (GMSK, 3-Slots)	25.07	25.12	24.97	25.50	20.65	**20.70**	20.55	21.08
GPRS (GMSK, 4-Slots)	22.72	22.92	22.87	23.50	19.54	19.74	19.69	20.32
EGPRS (8PSK, 1-Slot)	24.04	24.25	23.73	24.50	14.85	15.06	14.54	15.31
EGPRS (8PSK, 2-Slots)	22.17	22.32	22.16	23.50	16.04	16.19	16.03	17.37
EGPRS (8PSK, 3-Slots)	20.72	20.79	20.97	21.50	16.30	16.37	16.55	17.08
EGPRS (8PSK, 4-Slots)	20.12	19.65	19.94	20.50	16.94	16.47	16.76	17.32

8.6.6 Power Reduced Level 1 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	17.35	17.48	**17.52**	18.30
HSDPA Subtest-1	16.41	16.49	16.62	17.30
HSDPA Subtest-2	16.44	16.45	16.45	17.30
HSDPA Subtest-3	16.03	16.18	16.17	16.80
HSDPA Subtest-4	16.02	16.25	16.29	16.80
HSUPA Subtest-1	16.20	16.60	16.59	17.30
HSUPA Subtest-2	14.59	14.53	14.87	15.80
HSUPA Subtest-3	15.74	15.46	15.68	16.30
HSUPA Subtest-4	14.56	14.46	14.90	15.80
HSUPA Subtest-5	16.42	16.61	16.74	17.30

8.6.7 Power Reduced Level 2&3 of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	15.40	15.53	**15.60**	16.30
HSDPA Subtest-1	14.64	14.67	14.64	15.30
HSDPA Subtest-2	14.67	14.85	14.70	15.30
HSDPA Subtest-3	13.83	14.32	14.10	14.80
HSDPA Subtest-4	13.90	14.15	13.98	14.80
HSUPA Subtest-1	14.42	14.61	14.84	15.30
HSUPA Subtest-2	12.72	12.58	12.74	13.80
HSUPA Subtest-3	13.45	13.47	13.83	14.30
HSUPA Subtest-4	12.64	12.78	12.84	13.80
HSUPA Subtest-5	14.29	14.86	14.72	15.30

8.6.8 Power Reduced Level 4-Up Antenna of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	20.59	20.76	**20.89**	21.80
HSDPA Subtest-1	19.83	19.96	19.85	20.80
HSDPA Subtest-2	19.73	20.23	19.78	20.80
HSDPA Subtest-3	19.50	19.34	19.63	20.30
HSDPA Subtest-4	19.30	19.65	19.67	20.30
HSUPA Subtest-1	19.80	19.80	19.87	20.80
HSUPA Subtest-2	17.83	18.13	17.87	19.30
HSUPA Subtest-3	18.69	19.19	19.11	19.80
HSUPA Subtest-4	17.73	17.96	17.99	19.30
HSUPA Subtest-5	20.07	19.94	20.15	20.80

8.6.9 Power Reduced Level 5&6-Up Antenna of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	18.80	18.89	**19.11**	19.80
HSDPA Subtest-1	17.84	17.73	18.16	18.80
HSDPA Subtest-2	17.68	17.82	17.91	18.80
HSDPA Subtest-3	17.17	17.17	17.50	18.30
HSDPA Subtest-4	17.37	17.58	17.44	18.30
HSUPA Subtest-1	17.67	17.75	17.85	18.80
HSUPA Subtest-2	15.66	15.79	15.88	17.30
HSUPA Subtest-3	16.96	17.05	17.07	17.80
HSUPA Subtest-4	15.86	15.94	16.25	17.30
HSUPA Subtest-5	17.61	17.90	17.84	18.80

8.6.10 Power Reduced Level 4&5&6-Dnow Antenna of WCDMA Band 2

WCDMA	Band 2			
Channel	9262	9400	9538	Tune-up Limit (dBm)
RMC 12.2Kbps	22.42	22.38	**22.51**	23.30
HSDPA Subtest-1	21.38	21.70	21.70	22.30
HSDPA Subtest-2	21.21	21.57	21.80	22.30
HSDPA Subtest-3	20.89	20.81	21.30	21.80
HSDPA Subtest-4	20.99	20.96	21.06	21.80
HSUPA Subtest-1	21.27	21.64	21.56	22.30
HSUPA Subtest-2	19.22	19.68	19.53	20.80
HSUPA Subtest-3	20.38	20.47	20.40	21.30
HSUPA Subtest-4	19.40	19.80	19.79	20.80
HSUPA Subtest-5	21.49	21.64	21.85	22.30

8.6.11 Power Reduced Level 1 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	18.38	18.32	**18.55**	19.30
HSDPA Subtest-1	17.37	17.54	17.49	18.30
HSDPA Subtest-2	17.25	17.24	17.24	18.30
HSDPA Subtest-3	17.20	16.78	17.10	17.80
HSDPA Subtest-4	16.95	16.74	17.16	17.80
HSUPA Subtest-1	17.71	17.75	17.56	18.30
HSUPA Subtest-2	15.50	15.61	15.74	16.80
HSUPA Subtest-3	16.49	16.69	16.55	17.30
HSUPA Subtest-4	15.41	15.30	15.36	16.80
HSUPA Subtest-5	17.39	17.53	17.86	18.30

8.6.12 Power Reduced Level 2&3 of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	16.43	16.41	**16.46**	17.30
HSDPA Subtest-1	15.44	15.48	15.46	16.30
HSDPA Subtest-2	15.49	15.57	15.62	16.30
HSDPA Subtest-3	14.63	14.90	14.68	15.80
HSDPA Subtest-4	14.69	14.63	15.08	15.80
HSUPA Subtest-1	15.64	15.26	15.59	16.30
HSUPA Subtest-2	13.45	13.46	13.68	14.80
HSUPA Subtest-3	14.43	14.31	14.68	15.30
HSUPA Subtest-4	13.55	13.48	13.68	14.80
HSUPA Subtest-5	15.39	15.39	15.65	16.30

8.6.13 Power Reduced Level 4&5&6-Down Antenna of WCDMA Band 4

WCDMA	Band 4			
Channel	1312	1412	1513	Tune-up Limit (dBm)
RMC 12.2Kbps	21.14	21.19	**21.37**	22.30
HSDPA Subtest-1	20.66	20.35	20.24	21.30
HSDPA Subtest-2	20.52	20.30	20.63	21.30
HSDPA Subtest-3	20.03	20.16	19.91	20.80
HSDPA Subtest-4	19.81	19.79	19.85	20.80
HSUPA Subtest-1	20.73	20.73	20.39	21.30
HSUPA Subtest-2	18.44	18.27	18.83	19.80
HSUPA Subtest-3	19.46	19.55	19.55	20.30
HSUPA Subtest-4	18.70	18.41	18.54	19.80
HSUPA Subtest-5	20.40	20.62	20.53	21.30

8.6.14 Power Reduced Level 1 of WCDMA Band 5

WCDMA	Band 5			
Channel	4132	4182	4233	Tune-up Limit (dBm)
RMC 12.2Kbps	22.16	21.97	**22.19**	23.00
HSDPA Subtest-1	21.14	21.30	21.32	22.00
HSDPA Subtest-2	21.38	21.36	21.48	22.00
HSDPA Subtest-3	20.98	20.63	20.72	21.00
HSDPA Subtest-4	20.63	20.78	21.07	21.00
HSUPA Subtest-1	21.43	21.10	21.25	22.00
HSUPA Subtest-2	19.20	19.24	19.38	20.00
HSUPA Subtest-3	20.56	20.37	20.46	21.00
HSUPA Subtest-4	19.39	19.43	19.18	20.00
HSUPA Subtest-5	21.54	21.51	21.34	22.00

8.6.15 Power Reduced Level 2&3 of WCDMA Band 5

WCDMA	Band 5			
Channel	4132	4182	4233	Tune-up Limit (dBm)
RMC 12.2Kbps	20.27	20.21	**20.49**	21.00
HSDPA Subtest-1	19.39	19.15	19.17	20.00
HSDPA Subtest-2	19.58	19.15	19.34	20.00
HSDPA Subtest-3	18.75	18.47	18.69	19.00
HSDPA Subtest-4	18.75	18.61	18.81	19.00
HSUPA Subtest-1	19.30	19.27	19.45	20.00
HSUPA Subtest-2	17.50	17.14	17.52	18.00
HSUPA Subtest-3	18.39	18.55	18.31	19.00
HSUPA Subtest-4	17.28	17.16	17.40	18.00
HSUPA Subtest-5	19.15	19.24	19.20	20.00

8.6.16 Power Reduced Level 1 of LTE Band 2

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	16.77	16.75	16.62	18.00
	1 (RB_Pos:3)	MIDDLE	QPSK	16.77	16.80	16.73	18.00
	1 (RB_Pos:5)	HIGH	QPSK	16.73	16.71	16.58	18.00
	3 (RB_Pos:0)	LOW	QPSK	16.78	16.84	16.70	18.00
	3 (RB_Pos:1)	MIDDLE	QPSK	16.82	16.84	16.83	18.00
	3 (RB_Pos:3)	HIGH	QPSK	16.78	16.85	16.72	18.00
	6 (RB_Pos:0)	LOW	QPSK	16.69	16.76	16.58	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.24	16.53	16.06	18.00
	1 (RB_Pos:3)	MIDDLE	16QAM	16.31	16.58	16.10	18.00
	1 (RB_Pos:5)	HIGH	16QAM	16.27	16.53	16.04	18.00
	3 (RB_Pos:0)	LOW	16QAM	16.24	16.42	16.27	18.00
	3 (RB_Pos:1)	MIDDLE	16QAM	16.31	16.47	16.32	18.00
	3 (RB_Pos:3)	HIGH	16QAM	16.22	16.39	16.26	18.00
	6 (RB_Pos:0)	LOW	16QAM	16.52	16.35	16.46	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.27	16.39	16.44	18.00
	1 (RB_Pos:3)	MIDDLE	64QAM	16.45	16.41	16.47	18.00
	1 (RB_Pos:5)	HIGH	64QAM	16.48	16.50	16.36	18.00
	3 (RB_Pos:0)	LOW	64QAM	16.30	16.48	16.59	18.00
	3 (RB_Pos:1)	MIDDLE	64QAM	16.47	16.53	16.33	18.00
	3 (RB_Pos:3)	HIGH	64QAM	16.43	16.61	16.45	18.00
	6 (RB_Pos:0)	LOW	64QAM	16.47	16.68	16.64	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	16.74	16.76	16.67	18.00
	1 (RB_Pos:8)	MIDDLE	QPSK	16.74	16.80	16.69	18.00
	1 (RB_Pos:14)	HIGH	QPSK	16.71	16.80	16.64	18.00
	8 (RB_Pos:0)	LOW	QPSK	16.78	16.82	16.70	18.00
	8 (RB_Pos:3)	MIDDLE	QPSK	16.79	16.84	16.76	18.00
	8 (RB_Pos:7)	HIGH	QPSK	16.81	16.86	16.70	18.00
	15 (RB_Pos:0)	LOW	QPSK	16.79	16.84	16.73	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.06	16.55	16.10	18.00
	1 (RB_Pos:8)	MIDDLE	16QAM	16.06	16.56	16.10	18.00
	1 (RB_Pos:14)	HIGH	16QAM	16.06	16.59	16.07	18.00
	8 (RB_Pos:0)	LOW	16QAM	16.28	16.29	16.13	18.00
	8 (RB_Pos:3)	MIDDLE	16QAM	16.28	16.30	16.15	18.00
	8 (RB_Pos:7)	HIGH	16QAM	16.28	16.27	16.12	18.00
	15 (RB_Pos:0)	LOW	16QAM	16.21	16.27	16.04	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.23	16.74	16.01	18.00
	1 (RB_Pos:8)	MIDDLE	64QAM	16.10	16.74	16.12	18.00

	1 (RB_Pos:14)	HIGH	64QAM	16.10	16.46	16.05	18.00
	8 (RB_Pos:0)	LOW	64QAM	16.45	16.30	16.42	18.00
	8 (RB_Pos:3)	MIDDLE	64QAM	16.50	16.20	16.49	18.00
	8 (RB_Pos:7)	HIGH	64QAM	16.29	16.50	16.49	18.00
	15 (RB_Pos:0)	LOW	64QAM	16.03	16.41	16.24	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	16.77	16.81	16.66	18.00
	1 (RB_Pos:13)	MIDDLE	QPSK	16.82	16.86	16.78	18.00
	1 (RB_Pos:24)	HIGH	QPSK	16.74	16.80	16.65	18.00
	12 (RB_Pos:0)	LOW	QPSK	16.83	16.85	16.72	18.00
	12 (RB_Pos:6)	MIDDLE	QPSK	16.84	16.85	16.78	18.00
	12 (RB_Pos:13)	HIGH	QPSK	16.78	16.84	16.74	18.00
	25 (RB_Pos:0)	LOW	QPSK	16.83	16.83	16.74	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.35	16.70	16.23	18.00
	1 (RB_Pos:13)	MIDDLE	16QAM	16.38	16.81	16.28	18.00
	1 (RB_Pos:24)	HIGH	16QAM	16.36	16.76	16.19	18.00
	12 (RB_Pos:0)	LOW	16QAM	16.28	16.40	16.20	18.00
	12 (RB_Pos:6)	MIDDLE	16QAM	16.33	16.38	16.21	18.00
	12 (RB_Pos:13)	HIGH	16QAM	16.30	16.39	16.18	18.00
	25 (RB_Pos:0)	LOW	16QAM	16.23	16.28	16.09	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.13	16.45	16.27	18.00
	1 (RB_Pos:13)	MIDDLE	64QAM	15.96	16.56	16.21	18.00
	1 (RB_Pos:24)	HIGH	64QAM	16.20	16.60	15.97	18.00
	12 (RB_Pos:0)	LOW	64QAM	16.69	16.67	16.81	18.00
	12 (RB_Pos:6)	MIDDLE	64QAM	16.96	16.72	16.62	18.00
	12 (RB_Pos:13)	HIGH	64QAM	16.67	16.70	16.61	18.00
	25 (RB_Pos:0)	LOW	64QAM	16.68	16.58	16.62	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	16.83	16.85	16.79	18.00
	1 (RB_Pos:25)	MIDDLE	QPSK	16.75	16.81	16.78	18.00
	1 (RB_Pos:49)	HIGH	QPSK	16.80	16.84	16.73	18.00
	25 (RB_Pos:0)	LOW	QPSK	16.88	16.93	16.81	18.00
	25 (RB_Pos:12)	MIDDLE	QPSK	16.86	16.91	16.82	18.00
	25 (RB_Pos:25)	HIGH	QPSK	16.87	16.93	16.77	18.00
	50 (RB_Pos:0)	LOW	QPSK	16.83	16.92	16.76	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.45	16.90	16.54	18.00
	1 (RB_Pos:25)	MIDDLE	16QAM	16.37	16.92	16.42	18.00
	1 (RB_Pos:49)	HIGH	16QAM	16.42	16.90	16.50	18.00
	25 (RB_Pos:0)	LOW	16QAM	16.52	16.62	16.54	18.00
	25 (RB_Pos:12)	MIDDLE	16QAM	16.59	16.65	16.61	18.00
	25 (RB_Pos:25)	HIGH	16QAM	16.51	16.64	16.55	18.00

	50 (RB_Pos:0)	LOW	16QAM	16.52	16.60	16.47	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.36	16.66	16.29	18.00
	1 (RB_Pos:25)	MIDDLE	64QAM	16.31	16.50	16.35	18.00
	1 (RB_Pos:49)	HIGH	64QAM	16.30	16.92	16.31	18.00
	25 (RB_Pos:0)	LOW	64QAM	16.84	16.79	16.42	18.00
	25 (RB_Pos:12)	MIDDLE	64QAM	16.68	16.40	16.73	18.00
	25 (RB_Pos:25)	HIGH	64QAM	16.46	16.77	16.75	18.00
	50 (RB_Pos:0)	LOW	64QAM	16.46	16.87	16.64	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	16.82	16.89	16.85	18.00
	1 (RB_Pos:38)	MIDDLE	QPSK	16.82	16.90	16.79	18.00
	1 (RB_Pos:74)	HIGH	QPSK	16.86	16.84	16.72	18.00
	36 (RB_Pos:0)	LOW	QPSK	16.80	16.89	16.72	18.00
	36 (RB_Pos:20)	MIDDLE	QPSK	16.83	16.92	16.71	18.00
	36 (RB_Pos:39)	HIGH	QPSK	16.93	16.89	16.68	18.00
	75 (RB_Pos:0)	LOW	QPSK	16.88	16.82	16.71	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.42	16.57	16.93	18.00
	1 (RB_Pos:38)	MIDDLE	16QAM	16.40	16.94	16.86	18.00
	1 (RB_Pos:74)	HIGH	16QAM	16.48	16.92	16.85	18.00
	36 (RB_Pos:0)	LOW	16QAM	16.50	16.62	16.44	18.00
	36 (RB_Pos:20)	MIDDLE	16QAM	16.57	16.63	16.46	18.00
	36 (RB_Pos:39)	HIGH	16QAM	16.58	16.62	16.42	18.00
	75 (RB_Pos:0)	LOW	16QAM	16.58	16.58	16.37	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.23	16.57	16.71	18.00
	1 (RB_Pos:38)	MIDDLE	64QAM	16.12	16.49	16.60	18.00
	1 (RB_Pos:74)	HIGH	64QAM	16.27	16.53	16.45	18.00
	36 (RB_Pos:0)	LOW	64QAM	16.52	16.94	16.61	18.00
	36 (RB_Pos:20)	MIDDLE	64QAM	16.58	16.61	16.57	18.00
	36 (RB_Pos:39)	HIGH	64QAM	16.77	16.87	16.38	18.00
	75 (RB_Pos:0)	LOW	64QAM	16.73	16.67	16.38	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	16.85	16.90	16.78	18.00
	1 (RB_Pos:50)	MIDDLE	QPSK	16.89	**16.97**	16.83	18.00
	1 (RB_Pos:99)	HIGH	QPSK	16.87	16.91	16.73	18.00
	50 (RB_Pos:0)	LOW	QPSK	16.86	16.89	16.81	18.00
	50 (RB_Pos:25)	MIDDLE	QPSK	16.74	16.90	16.82	18.00
	50 (RB_Pos:50)	HIGH	QPSK	16.87	16.88	16.74	18.00
	100 (RB_Pos:0)	LOW	QPSK	16.84	16.86	16.76	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.73	16.75	16.68	18.00
	1 (RB_Pos:50)	MIDDLE	16QAM	16.60	16.69	16.51	18.00
	1 (RB_Pos:99)	HIGH	16QAM	16.67	16.83	16.55	18.00

	50 (RB_Pos:0)	LOW	16QAM	16.73	16.66	16.60	18.00
	50 (RB_Pos:25)	MIDDLE	16QAM	16.76	16.80	16.55	18.00
	50 (RB_Pos:50)	HIGH	16QAM	16.76	16.79	16.56	18.00
	100 (RB_Pos:0)	LOW	16QAM	16.73	16.82	16.57	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.69	16.85	16.44	18.00
	1 (RB_Pos:50)	MIDDLE	64QAM	16.70	16.66	16.59	18.00
	1 (RB_Pos:99)	HIGH	64QAM	16.79	16.84	16.85	18.00
	50 (RB_Pos:0)	LOW	64QAM	16.59	16.66	16.56	18.00
	50 (RB_Pos:25)	MIDDLE	64QAM	16.51	16.54	16.50	18.00
	50 (RB_Pos:50)	HIGH	64QAM	16.43	16.32	16.56	18.00
	100 (RB_Pos:0)	LOW	64QAM	16.32	16.64	16.58	18.00

8.6.17 Power Reduced Level 2&3 of LTE Band 2

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	14.80	14.90	14.77	16.00
	1 (RB_Pos:3)	MIDDLE	QPSK	14.81	14.92	14.80	16.00
	1 (RB_Pos:5)	HIGH	QPSK	14.65	14.96	14.73	16.00
	3 (RB_Pos:0)	LOW	QPSK	14.88	15.08	14.88	16.00
	3 (RB_Pos:1)	MIDDLE	QPSK	14.96	15.13	15.02	16.00
	3 (RB_Pos:3)	HIGH	QPSK	14.83	15.02	14.89	16.00
	6 (RB_Pos:0)	LOW	QPSK	14.33	14.52	14.29	16.00
	1 (RB_Pos:0)	LOW	16QAM	13.90	14.10	13.75	16.00
	1 (RB_Pos:3)	MIDDLE	16QAM	13.95	14.17	13.76	16.00
	1 (RB_Pos:5)	HIGH	16QAM	13.93	14.16	13.75	16.00
	3 (RB_Pos:0)	LOW	16QAM	14.03	14.26	14.08	16.00
	3 (RB_Pos:1)	MIDDLE	16QAM	14.18	14.33	14.23	16.00
	3 (RB_Pos:3)	HIGH	16QAM	14.03	14.43	14.04	16.00
	6 (RB_Pos:0)	LOW	16QAM	13.47	13.44	13.43	16.00
	1 (RB_Pos:0)	LOW	64QAM	14.11	14.16	14.09	16.00
	1 (RB_Pos:3)	MIDDLE	64QAM	14.31	14.28	14.20	16.00
	1 (RB_Pos:5)	HIGH	64QAM	14.16	14.43	14.12	16.00
	3 (RB_Pos:0)	LOW	64QAM	14.84	15.15	14.98	16.00
	3 (RB_Pos:1)	MIDDLE	64QAM	15.04	15.10	14.94	16.00
	3 (RB_Pos:3)	HIGH	64QAM	14.93	15.15	14.98	16.00
	6 (RB_Pos:0)	LOW	64QAM	13.94	14.23	13.99	16.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	14.68	14.96	14.74	16.00
	1 (RB_Pos:8)	MIDDLE	QPSK	14.69	14.83	14.72	16.00
	1 (RB_Pos:14)	HIGH	QPSK	14.69	14.85	14.68	16.00

	8 (RB_Pos:0)	LOW	QPSK	13.99	14.14	14.00	16.00
	8 (RB_Pos:3)	MIDDLE	QPSK	14.08	14.20	13.94	16.00
	8 (RB_Pos:7)	HIGH	QPSK	13.92	14.08	13.93	16.00
	15 (RB_Pos:0)	LOW	QPSK	14.39	14.45	14.37	16.00
	1 (RB_Pos:0)	LOW	16QAM	13.75	14.26	13.78	16.00
	1 (RB_Pos:8)	MIDDLE	16QAM	13.73	14.29	13.80	16.00
	1 (RB_Pos:14)	HIGH	16QAM	13.63	14.39	13.76	16.00
	8 (RB_Pos:0)	LOW	16QAM	13.17	13.36	13.07	16.00
	8 (RB_Pos:3)	MIDDLE	16QAM	13.14	13.24	13.13	16.00
	8 (RB_Pos:7)	HIGH	16QAM	13.24	13.19	13.07	16.00
	15 (RB_Pos:0)	LOW	16QAM	13.55	13.60	13.46	16.00
	1 (RB_Pos:0)	LOW	64QAM	13.98	14.75	14.04	16.00
	1 (RB_Pos:8)	MIDDLE	64QAM	13.83	14.80	14.17	16.00
	1 (RB_Pos:14)	HIGH	64QAM	14.15	14.73	14.02	16.00
	8 (RB_Pos:0)	LOW	64QAM	14.47	14.48	14.50	16.00
	8 (RB_Pos:3)	MIDDLE	64QAM	14.67	14.52	14.47	16.00
	8 (RB_Pos:7)	HIGH	64QAM	14.32	14.74	14.51	16.00
	15 (RB_Pos:0)	LOW	64QAM	14.19	14.44	14.20	16.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	14.80	14.91	14.76	16.00
	1 (RB_Pos:13)	MIDDLE	QPSK	14.70	14.92	14.74	16.00
	1 (RB_Pos:24)	HIGH	QPSK	14.77	15.00	14.84	16.00
	12 (RB_Pos:0)	LOW	QPSK	14.01	14.33	14.02	16.00
	12 (RB_Pos:6)	MIDDLE	QPSK	13.99	14.23	14.07	16.00
	12 (RB_Pos:13)	HIGH	QPSK	14.08	14.33	13.93	16.00
	25 (RB_Pos:0)	LOW	QPSK	14.48	14.55	14.46	16.00
	1 (RB_Pos:0)	LOW	16QAM	13.88	14.38	13.79	16.00
	1 (RB_Pos:13)	MIDDLE	16QAM	13.91	14.43	13.76	16.00
	1 (RB_Pos:24)	HIGH	16QAM	13.79	14.45	13.76	16.00
	12 (RB_Pos:0)	LOW	16QAM	13.22	13.38	13.20	16.00
	12 (RB_Pos:6)	MIDDLE	16QAM	13.21	13.36	13.20	16.00
	12 (RB_Pos:13)	HIGH	16QAM	13.19	13.33	13.11	16.00
	25 (RB_Pos:0)	LOW	16QAM	13.64	13.75	13.48	16.00
	1 (RB_Pos:0)	LOW	64QAM	13.85	14.33	13.95	16.00
	1 (RB_Pos:13)	MIDDLE	64QAM	13.82	14.32	13.98	16.00
	1 (RB_Pos:24)	HIGH	64QAM	13.92	14.51	13.64	16.00
	12 (RB_Pos:0)	LOW	64QAM	14.47	14.45	14.48	16.00
	12 (RB_Pos:6)	MIDDLE	64QAM	14.59	14.44	14.41	16.00
	12 (RB_Pos:13)	HIGH	64QAM	14.43	14.45	14.35	16.00
	25 (RB_Pos:0)	LOW	64QAM	14.47	14.40	14.37	16.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)

10 MHz	1 (RB_Pos:0)	LOW	QPSK	14.80	14.94	14.79	16.00
	1 (RB_Pos:25)	MIDDLE	QPSK	14.68	14.91	14.81	16.00
	1 (RB_Pos:49)	HIGH	QPSK	14.73	15.07	14.75	16.00
	25 (RB_Pos:0)	LOW	QPSK	14.00	14.29	13.93	16.00
	25 (RB_Pos:12)	MIDDLE	QPSK	13.94	14.27	14.03	16.00
	25 (RB_Pos:25)	HIGH	QPSK	14.09	14.27	13.93	16.00
	50 (RB_Pos:0)	LOW	QPSK	14.61	14.60	14.48	16.00
	1 (RB_Pos:0)	LOW	16QAM	13.92	14.34	13.83	16.00
	1 (RB_Pos:25)	MIDDLE	16QAM	13.87	14.49	13.75	16.00
	1 (RB_Pos:49)	HIGH	16QAM	13.82	14.49	13.77	16.00
	25 (RB_Pos:0)	LOW	16QAM	13.20	13.40	13.12	16.00
	25 (RB_Pos:12)	MIDDLE	16QAM	13.23	13.33	13.20	16.00
	25 (RB_Pos:25)	HIGH	16QAM	13.11	13.37	13.09	16.00
	50 (RB_Pos:0)	LOW	16QAM	13.53	13.73	13.45	16.00
	1 (RB_Pos:0)	LOW	64QAM	14.13	14.57	14.12	16.00
	1 (RB_Pos:25)	MIDDLE	64QAM	14.23	14.38	13.98	16.00
	1 (RB_Pos:49)	HIGH	64QAM	14.18	14.76	14.11	16.00
	25 (RB_Pos:0)	LOW	64QAM	14.51	14.61	14.12	16.00
	25 (RB_Pos:12)	MIDDLE	64QAM	14.37	14.33	14.48	16.00
	25 (RB_Pos:25)	HIGH	64QAM	14.20	14.63	14.45	16.00
	50 (RB_Pos:0)	LOW	64QAM	14.31	14.62	14.48	16.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	14.78	15.04	14.89	16.00
	1 (RB_Pos:38)	MIDDLE	QPSK	14.90	15.11	14.81	16.00
	1 (RB_Pos:74)	HIGH	QPSK	14.97	14.99	14.70	16.00
	36 (RB_Pos:0)	LOW	QPSK	14.14	14.18	13.99	16.00
	36 (RB_Pos:20)	MIDDLE	QPSK	14.09	14.26	14.02	16.00
	36 (RB_Pos:39)	HIGH	QPSK	14.10	14.19	13.90	16.00
	75 (RB_Pos:0)	LOW	QPSK	14.47	14.71	14.32	16.00
	1 (RB_Pos:0)	LOW	16QAM	13.87	14.47	14.11	16.00
	1 (RB_Pos:38)	MIDDLE	16QAM	13.93	14.37	14.15	16.00
	1 (RB_Pos:74)	HIGH	16QAM	13.88	14.32	14.10	16.00
	36 (RB_Pos:0)	LOW	16QAM	13.10	13.45	13.01	16.00
	36 (RB_Pos:20)	MIDDLE	16QAM	13.12	13.37	12.99	16.00
	36 (RB_Pos:39)	HIGH	16QAM	13.20	13.35	13.01	16.00
	75 (RB_Pos:0)	LOW	16QAM	13.66	13.72	13.49	16.00
	1 (RB_Pos:0)	LOW	64QAM	13.97	14.48	14.46	16.00
	1 (RB_Pos:38)	MIDDLE	64QAM	13.92	14.24	14.25	16.00
	1 (RB_Pos:74)	HIGH	64QAM	13.91	14.39	14.07	16.00
	36 (RB_Pos:0)	LOW	64QAM	14.24	14.65	14.42	16.00
	36 (RB_Pos:20)	MIDDLE	64QAM	14.28	14.52	14.33	16.00
	36 (RB_Pos:39)	HIGH	64QAM	14.61	14.62	14.13	16.00
	75 (RB_Pos:0)	LOW	64QAM	14.39	14.45	14.11	16.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	14.65	15.15	14.57	16.00
	1 (RB_Pos:50)	MIDDLE	QPSK	14.93	**15.20**	14.74	16.00
	1 (RB_Pos:99)	HIGH	QPSK	14.90	15.06	14.68	16.00
	50 (RB_Pos:0)	LOW	QPSK	14.13	14.25	14.02	16.00
	50 (RB_Pos:25)	MIDDLE	QPSK	14.23	14.32	14.10	16.00
	50 (RB_Pos:50)	HIGH	QPSK	14.18	14.21	14.09	16.00
	100 (RB_Pos:0)	LOW	QPSK	14.53	14.70	14.47	16.00
	1 (RB_Pos:0)	LOW	16QAM	14.40	14.45	14.26	16.00
	1 (RB_Pos:50)	MIDDLE	16QAM	14.45	14.44	14.26	16.00
	1 (RB_Pos:99)	HIGH	16QAM	14.52	14.68	14.27	16.00
	50 (RB_Pos:0)	LOW	16QAM	13.20	13.28	13.17	16.00
	50 (RB_Pos:25)	MIDDLE	16QAM	13.24	13.39	13.13	16.00
	50 (RB_Pos:50)	HIGH	16QAM	13.13	13.40	13.03	16.00
	100 (RB_Pos:0)	LOW	16QAM	13.73	13.82	13.61	16.00
	1 (RB_Pos:0)	LOW	64QAM	14.46	14.66	14.30	16.00
	1 (RB_Pos:50)	MIDDLE	64QAM	14.37	14.60	14.24	16.00
	1 (RB_Pos:99)	HIGH	64QAM	14.59	14.74	14.54	16.00
	50 (RB_Pos:0)	LOW	64QAM	14.40	14.66	14.15	16.00
	50 (RB_Pos:25)	MIDDLE	64QAM	14.51	14.65	14.44	16.00
	50 (RB_Pos:50)	HIGH	64QAM	14.40	14.43	14.39	16.00
	100 (RB_Pos:0)	LOW	64QAM	14.38	14.79	14.38	16.00

8.6.18 Power Reduced Level 4-Up Antenna of LTE Band 2

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	20.03	20.25	20.07	21.50
	1 (RB_Pos:3)	MIDDLE	QPSK	20.16	20.25	20.23	21.50
	1 (RB_Pos:5)	HIGH	QPSK	20.20	20.16	20.18	21.50
	3 (RB_Pos:0)	LOW	QPSK	20.08	20.16	20.18	21.50
	3 (RB_Pos:1)	MIDDLE	QPSK	20.22	20.30	20.21	21.50
	3 (RB_Pos:3)	HIGH	QPSK	20.21	20.25	20.22	21.50
	6 (RB_Pos:0)	LOW	QPSK	19.28	19.22	19.19	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.36	19.31	19.14	20.00
	1 (RB_Pos:3)	MIDDLE	16QAM	19.35	19.48	19.10	20.50
	1 (RB_Pos:5)	HIGH	16QAM	19.23	19.59	19.08	20.50
	3 (RB_Pos:0)	LOW	16QAM	19.39	19.40	19.36	20.50
	3 (RB_Pos:1)	MIDDLE	16QAM	19.28	19.37	19.45	20.50
	3 (RB_Pos:3)	HIGH	16QAM	19.32	19.54	19.28	20.50
	6 (RB_Pos:0)	LOW	16QAM	19.14	19.28	19.24	20.50

	1 (RB_Pos:0)	LOW	64QAM	18.91	19.20	19.26	20.50
	1 (RB_Pos:3)	MIDDLE	64QAM	19.04	19.19	19.14	20.50
	1 (RB_Pos:5)	HIGH	64QAM	18.92	19.05	19.11	20.50
	3 (RB_Pos:0)	LOW	64QAM	19.62	19.99	19.87	20.50
	3 (RB_Pos:1)	MIDDLE	64QAM	19.76	19.80	19.72	20.50
	3 (RB_Pos:3)	HIGH	64QAM	19.74	20.05	19.74	20.50
	6 (RB_Pos:0)	LOW	64QAM	19.07	19.26	18.92	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	20.24	20.21	20.11	21.50
	1 (RB_Pos:8)	MIDDLE	QPSK	20.06	20.07	20.29	21.50
	1 (RB_Pos:14)	HIGH	QPSK	20.04	20.26	20.20	21.50
	8 (RB_Pos:0)	LOW	QPSK	19.16	19.26	19.20	20.50
	8 (RB_Pos:3)	MIDDLE	QPSK	19.36	19.21	19.26	20.50
	8 (RB_Pos:7)	HIGH	QPSK	19.29	19.33	19.23	20.50
	15 (RB_Pos:0)	LOW	QPSK	19.35	19.27	19.30	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.19	19.52	19.27	20.00
	1 (RB_Pos:8)	MIDDLE	16QAM	19.25	19.70	19.07	20.50
	1 (RB_Pos:14)	HIGH	16QAM	19.19	19.55	19.18	20.50
	8 (RB_Pos:0)	LOW	16QAM	18.68	18.85	18.53	20.50
	8 (RB_Pos:3)	MIDDLE	16QAM	18.66	18.80	18.77	20.50
	8 (RB_Pos:7)	HIGH	16QAM	18.79	18.83	18.56	20.50
	15 (RB_Pos:0)	LOW	16QAM	18.80	18.71	18.54	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.02	19.73	19.13	20.50
	1 (RB_Pos:8)	MIDDLE	64QAM	18.95	19.64	19.14	20.50
	1 (RB_Pos:14)	HIGH	64QAM	19.21	19.55	18.97	20.50
	8 (RB_Pos:0)	LOW	64QAM	19.25	19.13	19.33	20.50
	8 (RB_Pos:3)	MIDDLE	64QAM	19.29	19.00	19.30	20.50
	8 (RB_Pos:7)	HIGH	64QAM	19.14	19.41	19.32	20.50
	15 (RB_Pos:0)	LOW	64QAM	18.92	19.08	19.01	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	20.28	20.12	20.23	21.50
	1 (RB_Pos:13)	MIDDLE	QPSK	20.14	20.09	20.15	21.50
	1 (RB_Pos:24)	HIGH	QPSK	20.12	20.22	20.24	21.50
	12 (RB_Pos:0)	LOW	QPSK	19.36	19.42	19.38	20.50
	12 (RB_Pos:6)	MIDDLE	QPSK	19.27	19.34	19.33	20.50
	12 (RB_Pos:13)	HIGH	QPSK	19.27	19.36	19.18	20.50
	25 (RB_Pos:0)	LOW	QPSK	19.48	19.34	19.36	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.20	19.62	19.35	20.00
	1 (RB_Pos:13)	MIDDLE	16QAM	19.14	19.63	19.13	20.50
	1 (RB_Pos:24)	HIGH	16QAM	19.34	19.67	19.26	20.50
	12 (RB_Pos:0)	LOW	16QAM	18.75	18.80	18.83	20.50

	12 (RB_Pos:6)	MIDDLE	16QAM	18.78	18.76	18.75	20.50
	12 (RB_Pos:13)	HIGH	16QAM	18.72	18.77	18.70	20.50
	25 (RB_Pos:0)	LOW	16QAM	18.72	18.97	18.63	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.04	19.31	19.06	20.50
	1 (RB_Pos:13)	MIDDLE	64QAM	18.84	19.19	18.97	20.50
	1 (RB_Pos:24)	HIGH	64QAM	19.06	19.37	18.65	20.50
	12 (RB_Pos:0)	LOW	64QAM	19.11	19.15	19.35	20.50
	12 (RB_Pos:6)	MIDDLE	64QAM	19.32	19.12	19.05	20.50
	12 (RB_Pos:13)	HIGH	64QAM	19.16	19.13	19.26	20.50
	25 (RB_Pos:0)	LOW	64QAM	19.03	18.86	19.04	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	20.27	20.26	20.14	21.50
	1 (RB_Pos:25)	MIDDLE	QPSK	20.08	20.29	20.10	21.50
	1 (RB_Pos:49)	HIGH	QPSK	20.21	20.34	20.26	21.50
	25 (RB_Pos:0)	LOW	QPSK	19.35	19.35	19.37	20.50
	25 (RB_Pos:12)	MIDDLE	QPSK	19.17	19.51	19.34	20.50
	25 (RB_Pos:25)	HIGH	QPSK	19.18	19.34	19.30	20.50
	50 (RB_Pos:0)	LOW	QPSK	19.60	19.55	19.48	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.17	19.73	19.26	20.00
	1 (RB_Pos:25)	MIDDLE	16QAM	19.31	19.82	19.29	20.50
	1 (RB_Pos:49)	HIGH	16QAM	19.30	19.61	19.20	20.50
	25 (RB_Pos:0)	LOW	16QAM	18.72	18.80	18.86	20.50
	25 (RB_Pos:12)	MIDDLE	16QAM	18.74	18.71	18.86	20.50
	25 (RB_Pos:25)	HIGH	16QAM	18.81	18.79	18.71	20.50
	50 (RB_Pos:0)	LOW	16QAM	18.82	18.85	18.63	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.30	19.35	19.16	20.50
	1 (RB_Pos:25)	MIDDLE	64QAM	19.25	19.32	19.11	20.50
	1 (RB_Pos:49)	HIGH	64QAM	19.17	19.58	19.18	20.50
	25 (RB_Pos:0)	LOW	64QAM	19.40	19.18	18.96	20.50
	25 (RB_Pos:12)	MIDDLE	64QAM	19.29	18.86	19.26	20.50
	25 (RB_Pos:25)	HIGH	64QAM	18.87	19.32	19.12	20.50
	50 (RB_Pos:0)	LOW	64QAM	18.97	19.41	19.17	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	20.21	20.27	20.23	21.50
	1 (RB_Pos:38)	MIDDLE	QPSK	20.14	20.24	20.24	21.50
	1 (RB_Pos:74)	HIGH	QPSK	20.23	20.18	20.05	21.50
	36 (RB_Pos:0)	LOW	QPSK	19.48	19.38	19.34	20.50
	36 (RB_Pos:20)	MIDDLE	QPSK	19.32	19.48	19.24	20.50
	36 (RB_Pos:39)	HIGH	QPSK	19.33	19.45	19.34	20.50
	75 (RB_Pos:0)	LOW	QPSK	19.39	19.48	19.21	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.21	19.75	19.58	20.00

	1 (RB_Pos:38)	MIDDLE	16QAM	19.27	19.72	19.46	20.50
	1 (RB_Pos:74)	HIGH	16QAM	19.19	19.66	19.58	20.50
	36 (RB_Pos:0)	LOW	16QAM	18.81	18.85	18.54	20.50
	36 (RB_Pos:20)	MIDDLE	16QAM	18.64	18.95	18.53	20.50
	36 (RB_Pos:39)	HIGH	16QAM	18.79	18.82	18.68	20.50
	75 (RB_Pos:0)	LOW	16QAM	18.78	18.86	18.75	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.02	19.43	19.61	20.50
	1 (RB_Pos:38)	MIDDLE	64QAM	18.99	19.24	19.42	20.50
	1 (RB_Pos:74)	HIGH	64QAM	19.13	19.28	19.21	20.50
	36 (RB_Pos:0)	LOW	64QAM	19.07	19.26	19.18	20.50
	36 (RB_Pos:20)	MIDDLE	64QAM	19.11	19.07	19.16	20.50
	36 (RB_Pos:39)	HIGH	64QAM	19.20	19.20	19.05	20.50
	75 (RB_Pos:0)	LOW	64QAM	19.05	19.04	18.72	20.50

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	20.17	20.30	19.99	21.50
	1 (RB_Pos:50)	MIDDLE	QPSK	20.30	**20.36**	20.14	21.50
	1 (RB_Pos:99)	HIGH	QPSK	20.26	20.24	20.12	21.50
	50 (RB_Pos:0)	LOW	QPSK	19.32	19.34	19.30	20.50
	50 (RB_Pos:25)	MIDDLE	QPSK	19.41	19.43	19.34	20.50
	50 (RB_Pos:50)	HIGH	QPSK	19.39	19.39	19.24	20.50
	100 (RB_Pos:0)	LOW	QPSK	19.57	19.60	19.35	20.50
	1 (RB_Pos:0)	LOW	16QAM	19.78	19.75	19.82	20.00
	1 (RB_Pos:50)	MIDDLE	16QAM	19.81	19.61	19.67	20.50
	1 (RB_Pos:99)	HIGH	16QAM	20.06	20.09	19.63	20.50
	50 (RB_Pos:0)	LOW	16QAM	19.12	18.98	19.01	20.50
	50 (RB_Pos:25)	MIDDLE	16QAM	19.17	19.18	18.89	20.50
	50 (RB_Pos:50)	HIGH	16QAM	19.13	19.15	18.95	20.50
	100 (RB_Pos:0)	LOW	16QAM	19.10	19.39	19.23	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.35	19.28	19.07	20.50
	1 (RB_Pos:50)	MIDDLE	64QAM	19.25	19.15	19.04	20.50
	1 (RB_Pos:99)	HIGH	64QAM	19.35	19.34	19.39	20.50
	50 (RB_Pos:0)	LOW	64QAM	19.12	19.39	18.93	20.50
	50 (RB_Pos:25)	MIDDLE	64QAM	19.16	19.26	19.26	20.50
	50 (RB_Pos:50)	HIGH	64QAM	19.09	19.10	19.18	20.50
	100 (RB_Pos:0)	LOW	64QAM	19.14	19.35	19.23	20.50

8.6.19 Power Reduced Level 5&6-Up Antenna of LTE Band 2

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	18.11	18.17	18.25	19.50
	1 (RB_Pos:3)	MIDDLE	QPSK	18.23	18.16	18.24	19.50
	1 (RB_Pos:5)	HIGH	QPSK	18.11	18.24	18.25	19.50
	3 (RB_Pos:0)	LOW	QPSK	18.16	18.23	18.16	19.50
	3 (RB_Pos:1)	MIDDLE	QPSK	18.19	18.16	18.25	19.50
	3 (RB_Pos:3)	HIGH	QPSK	18.01	17.98	18.08	19.50
	6 (RB_Pos:0)	LOW	QPSK	17.75	17.87	17.86	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.51	17.71	17.31	19.50
	1 (RB_Pos:3)	MIDDLE	16QAM	17.50	17.83	17.36	19.50
	1 (RB_Pos:5)	HIGH	16QAM	17.60	17.82	17.36	19.50
	3 (RB_Pos:0)	LOW	16QAM	17.96	18.06	18.08	19.50
	3 (RB_Pos:1)	MIDDLE	16QAM	18.02	18.01	18.18	19.50
	3 (RB_Pos:3)	HIGH	16QAM	17.95	17.99	18.05	19.50
	6 (RB_Pos:0)	LOW	16QAM	17.68	17.59	17.74	19.50
	1 (RB_Pos:0)	LOW	64QAM	18.02	17.90	18.09	19.50
	1 (RB_Pos:3)	MIDDLE	64QAM	18.02	18.09	17.91	19.50
	1 (RB_Pos:5)	HIGH	64QAM	17.96	18.08	18.01	19.50
	3 (RB_Pos:0)	LOW	64QAM	18.52	17.71	18.33	19.50
	3 (RB_Pos:1)	MIDDLE	64QAM	17.75	18.55	18.45	19.50
	3 (RB_Pos:3)	HIGH	64QAM	18.43	18.48	18.49	19.50
	6 (RB_Pos:0)	LOW	64QAM	17.59	17.72	17.51	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	18.36	18.38	18.22	19.50
	1 (RB_Pos:8)	MIDDLE	QPSK	18.25	18.33	18.19	19.50
	1 (RB_Pos:14)	HIGH	QPSK	18.07	18.30	18.20	19.50
	8 (RB_Pos:0)	LOW	QPSK	18.14	18.19	18.13	19.50
	8 (RB_Pos:3)	MIDDLE	QPSK	18.06	18.21	18.16	19.50
	8 (RB_Pos:7)	HIGH	QPSK	18.24	18.14	17.99	19.50
	15 (RB_Pos:0)	LOW	QPSK	18.06	18.03	18.18	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.99	18.54	18.16	19.50
	1 (RB_Pos:8)	MIDDLE	16QAM	18.10	18.51	18.15	19.50
	1 (RB_Pos:14)	HIGH	16QAM	18.09	18.48	18.21	19.50
	8 (RB_Pos:0)	LOW	16QAM	17.78	17.65	17.65	19.50
	8 (RB_Pos:3)	MIDDLE	16QAM	17.72	17.80	17.73	19.50
	8 (RB_Pos:7)	HIGH	16QAM	17.69	17.81	17.64	19.50
	15 (RB_Pos:0)	LOW	16QAM	17.68	17.79	17.51	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.80	18.60	17.81	19.50
	1 (RB_Pos:8)	MIDDLE	64QAM	17.81	18.50	18.18	19.50

	1 (RB_Pos:14)	HIGH	64QAM	18.04	18.41	17.88	19.50
	8 (RB_Pos:0)	LOW	64QAM	18.10	17.84	18.09	19.50
	8 (RB_Pos:3)	MIDDLE	64QAM	18.07	17.86	18.05	19.50
	8 (RB_Pos:7)	HIGH	64QAM	17.99	18.29	18.13	19.50
	15 (RB_Pos:0)	LOW	64QAM	17.66	17.92	17.91	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	18.23	18.42	18.17	19.50
	1 (RB_Pos:13)	MIDDLE	QPSK	18.32	18.44	18.38	19.50
	1 (RB_Pos:24)	HIGH	QPSK	18.14	18.38	18.19	19.50
	12 (RB_Pos:0)	LOW	QPSK	17.72	17.71	17.51	19.50
	12 (RB_Pos:6)	MIDDLE	QPSK	17.44	17.73	17.66	19.50
	12 (RB_Pos:13)	HIGH	QPSK	17.58	17.63	17.73	19.50
	25 (RB_Pos:0)	LOW	QPSK	17.61	17.56	17.77	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.59	18.02	17.90	19.50
	1 (RB_Pos:13)	MIDDLE	16QAM	17.55	17.82	17.87	19.50
	1 (RB_Pos:24)	HIGH	16QAM	17.56	17.90	17.83	19.50
	12 (RB_Pos:0)	LOW	16QAM	17.84	17.59	17.73	19.50
	12 (RB_Pos:6)	MIDDLE	16QAM	17.57	17.52	17.29	19.50
	12 (RB_Pos:13)	HIGH	16QAM	17.56	17.72	17.26	19.50
	25 (RB_Pos:0)	LOW	16QAM	17.67	17.84	17.72	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.84	18.19	17.71	19.50
	1 (RB_Pos:13)	MIDDLE	64QAM	17.68	18.18	17.83	19.50
	1 (RB_Pos:24)	HIGH	64QAM	17.88	18.28	17.67	19.50
	12 (RB_Pos:0)	LOW	64QAM	18.08	18.03	18.21	19.50
	12 (RB_Pos:6)	MIDDLE	64QAM	18.30	17.84	17.94	19.50
	12 (RB_Pos:13)	HIGH	64QAM	17.86	17.94	17.88	19.50
	25 (RB_Pos:0)	LOW	64QAM	17.94	17.82	18.02	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	18.31	18.36	18.16	19.50
	1 (RB_Pos:25)	MIDDLE	QPSK	18.18	18.36	18.21	19.50
	1 (RB_Pos:49)	HIGH	QPSK	18.11	18.32	18.20	19.50
	25 (RB_Pos:0)	LOW	QPSK	17.86	17.86	17.16	19.50
	25 (RB_Pos:12)	MIDDLE	QPSK	17.61	17.42	17.07	19.50
	25 (RB_Pos:25)	HIGH	QPSK	17.60	17.35	17.05	19.50
	50 (RB_Pos:0)	LOW	QPSK	17.69	17.23	17.15	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.46	18.03	17.55	19.50
	1 (RB_Pos:25)	MIDDLE	16QAM	17.37	17.98	17.50	19.50
	1 (RB_Pos:49)	HIGH	16QAM	17.48	17.89	17.42	19.50
	25 (RB_Pos:0)	LOW	16QAM	16.99	17.02	17.11	19.50
	25 (RB_Pos:12)	MIDDLE	16QAM	16.98	17.04	17.08	19.50
	25 (RB_Pos:25)	HIGH	16QAM	17.08	17.20	17.11	19.50

	50 (RB_Pos:0)	LOW	16QAM	16.94	17.05	17.01	19.50
	1 (RB_Pos:0)	LOW	64QAM	18.04	18.21	17.92	19.50
	1 (RB_Pos:25)	MIDDLE	64QAM	17.97	18.07	17.97	19.50
	1 (RB_Pos:49)	HIGH	64QAM	17.97	18.37	17.98	19.50
	25 (RB_Pos:0)	LOW	64QAM	18.13	17.95	17.65	19.50
	25 (RB_Pos:12)	MIDDLE	64QAM	17.94	17.67	18.12	19.50
	25 (RB_Pos:25)	HIGH	64QAM	17.75	18.08	17.89	19.50
	50 (RB_Pos:0)	LOW	64QAM	17.72	18.15	17.93	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	18.38	18.28	18.37	19.50
	1 (RB_Pos:38)	MIDDLE	QPSK	18.31	18.52	18.24	19.50
	1 (RB_Pos:74)	HIGH	QPSK	18.35	18.43	18.23	19.50
	36 (RB_Pos:0)	LOW	QPSK	17.30	17.34	17.26	19.50
	36 (RB_Pos:20)	MIDDLE	QPSK	17.33	17.38	17.16	19.50
	36 (RB_Pos:39)	HIGH	QPSK	17.22	17.18	17.17	19.50
	75 (RB_Pos:0)	LOW	QPSK	17.26	17.19	17.19	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.40	17.94	17.84	19.50
	1 (RB_Pos:38)	MIDDLE	16QAM	17.40	17.90	17.85	19.50
	1 (RB_Pos:74)	HIGH	16QAM	17.55	17.87	17.75	19.50
	36 (RB_Pos:0)	LOW	16QAM	17.58	17.52	17.86	19.50
	36 (RB_Pos:20)	MIDDLE	16QAM	17.56	17.52	17.84	19.50
	36 (RB_Pos:39)	HIGH	16QAM	17.52	17.55	17.84	19.50
	75 (RB_Pos:0)	LOW	16QAM	17.52	17.68	17.86	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.88	18.14	18.22	19.50
	1 (RB_Pos:38)	MIDDLE	64QAM	17.76	17.94	18.22	19.50
	1 (RB_Pos:74)	HIGH	64QAM	17.82	18.19	17.92	19.50
	36 (RB_Pos:0)	LOW	64QAM	17.78	18.25	18.07	19.50
	36 (RB_Pos:20)	MIDDLE	64QAM	17.93	17.85	17.84	19.50
	36 (RB_Pos:39)	HIGH	64QAM	18.16	18.11	17.70	19.50
	75 (RB_Pos:0)	LOW	64QAM	17.98	17.98	17.76	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	18.26	18.54	17.99	19.50
	1 (RB_Pos:50)	MIDDLE	QPSK	18.43	**18.61**	18.31	19.50
	1 (RB_Pos:99)	HIGH	QPSK	18.24	18.43	18.21	19.50
	50 (RB_Pos:0)	LOW	QPSK	17.54	17.63	17.50	19.50
	50 (RB_Pos:25)	MIDDLE	QPSK	17.58	17.83	17.61	19.50
	50 (RB_Pos:50)	HIGH	QPSK	17.51	17.57	17.56	19.50
	100 (RB_Pos:0)	LOW	QPSK	17.50	17.55	17.50	19.50
	1 (RB_Pos:0)	LOW	16QAM	18.12	17.90	17.84	19.50
	1 (RB_Pos:50)	MIDDLE	16QAM	17.98	18.02	17.89	19.50
	1 (RB_Pos:99)	HIGH	16QAM	18.22	18.35	17.84	19.50

	50 (RB_Pos:0)	LOW	16QAM	17.51	17.57	17.57	19.50
	50 (RB_Pos:25)	MIDDLE	16QAM	17.69	17.69	17.69	19.50
	50 (RB_Pos:50)	HIGH	16QAM	17.66	17.64	17.58	19.50
	100 (RB_Pos:0)	LOW	16QAM	17.59	17.68	17.53	19.50
	1 (RB_Pos:0)	LOW	64QAM	18.29	18.39	18.10	19.50
	1 (RB_Pos:50)	MIDDLE	64QAM	18.18	18.39	18.17	19.50
	1 (RB_Pos:99)	HIGH	64QAM	18.34	18.47	18.50	19.50
	50 (RB_Pos:0)	LOW	64QAM	17.98	18.09	17.68	19.50
	50 (RB_Pos:25)	MIDDLE	64QAM	17.91	18.02	18.11	19.50
	50 (RB_Pos:50)	HIGH	64QAM	17.80	17.92	17.90	19.50
	100 (RB_Pos:0)	LOW	64QAM	17.77	18.08	17.91	19.50

8.6.20 Power Reduced Level 4&5&6-Down Antenna of LTE Band 2

FDD LTE Band 2							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18607	18900	19193	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	20.73	20.88	20.72	22.00
	1 (RB_Pos:3)	MIDDLE	QPSK	20.85	20.91	20.77	22.00
	1 (RB_Pos:5)	HIGH	QPSK	20.75	20.84	20.69	22.00
	3 (RB_Pos:0)	LOW	QPSK	20.63	20.88	20.66	21.00
	3 (RB_Pos:1)	MIDDLE	QPSK	20.84	20.97	20.74	21.00
	3 (RB_Pos:3)	HIGH	QPSK	20.64	20.84	20.68	21.00
	6 (RB_Pos:0)	LOW	QPSK	19.63	19.79	19.75	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.91	20.09	19.78	21.00
	1 (RB_Pos:3)	MIDDLE	16QAM	19.86	20.32	19.71	21.00
	1 (RB_Pos:5)	HIGH	16QAM	19.94	20.18	19.74	21.00
	3 (RB_Pos:0)	LOW	16QAM	19.90	20.11	19.91	20.00
	3 (RB_Pos:1)	MIDDLE	16QAM	19.95	20.04	19.92	20.00
	3 (RB_Pos:3)	HIGH	16QAM	19.77	20.21	19.91	20.00
	6 (RB_Pos:0)	LOW	16QAM	18.87	18.91	18.78	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.05	19.22	19.09	20.00
	1 (RB_Pos:3)	MIDDLE	64QAM	19.28	19.24	19.18	20.00
	1 (RB_Pos:5)	HIGH	64QAM	19.13	19.29	19.06	20.00
	3 (RB_Pos:0)	LOW	64QAM	18.88	19.29	19.10	19.00
	3 (RB_Pos:1)	MIDDLE	64QAM	19.20	19.33	18.96	19.00
	3 (RB_Pos:3)	HIGH	64QAM	19.07	19.21	19.12	19.00
	6 (RB_Pos:0)	LOW	64QAM	17.63	17.91	17.78	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18615	18900	19185	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	20.65	20.87	20.79	22.00
	1 (RB_Pos:8)	MIDDLE	QPSK	20.70	20.90	20.82	22.00
	1 (RB_Pos:14)	HIGH	QPSK	20.79	20.99	20.69	22.00

	8 (RB_Pos:0)	LOW	QPSK	19.79	19.88	19.70	21.00
	8 (RB_Pos:3)	MIDDLE	QPSK	19.83	19.99	19.84	21.00
	8 (RB_Pos:7)	HIGH	QPSK	19.72	20.03	19.69	21.00
	15 (RB_Pos:0)	LOW	QPSK	19.73	19.87	19.81	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.71	20.23	19.76	21.00
	1 (RB_Pos:8)	MIDDLE	16QAM	19.77	20.33	19.69	21.00
	1 (RB_Pos:14)	HIGH	16QAM	19.71	20.40	19.78	21.00
	8 (RB_Pos:0)	LOW	16QAM	19.00	19.05	18.82	20.00
	8 (RB_Pos:3)	MIDDLE	16QAM	18.91	19.13	18.86	20.00
	8 (RB_Pos:7)	HIGH	16QAM	18.94	19.01	18.92	20.00
	15 (RB_Pos:0)	LOW	16QAM	18.89	19.01	18.82	20.00
	1 (RB_Pos:0)	LOW	64QAM	18.85	19.82	18.96	20.00
	1 (RB_Pos:8)	MIDDLE	64QAM	18.82	19.83	19.16	20.00
	1 (RB_Pos:14)	HIGH	64QAM	19.24	19.72	19.04	20.00
	8 (RB_Pos:0)	LOW	64QAM	18.14	18.21	18.17	19.00
	8 (RB_Pos:3)	MIDDLE	64QAM	18.26	18.21	18.13	19.00
	8 (RB_Pos:7)	HIGH	64QAM	18.09	18.45	18.17	19.00
	15 (RB_Pos:0)	LOW	64QAM	17.92	18.19	17.96	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	20.87	21.01	20.80	22.00
	1 (RB_Pos:13)	MIDDLE	QPSK	20.67	21.00	20.82	22.00
	1 (RB_Pos:24)	HIGH	QPSK	20.76	21.03	20.77	22.00
	12 (RB_Pos:0)	LOW	QPSK	19.77	20.04	19.73	21.00
	12 (RB_Pos:6)	MIDDLE	QPSK	19.78	20.01	19.81	21.00
	12 (RB_Pos:13)	HIGH	QPSK	19.90	20.01	19.75	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.98	20.02	19.83	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.86	20.44	19.89	21.00
	1 (RB_Pos:13)	MIDDLE	16QAM	19.78	20.46	19.79	21.00
	1 (RB_Pos:24)	HIGH	16QAM	19.81	20.52	19.82	21.00
	12 (RB_Pos:0)	LOW	16QAM	19.04	19.19	18.92	20.00
	12 (RB_Pos:6)	MIDDLE	16QAM	19.10	19.07	18.92	20.00
	12 (RB_Pos:13)	HIGH	16QAM	18.91	19.15	18.95	20.00
	25 (RB_Pos:0)	LOW	16QAM	19.05	19.05	18.89	20.00
	1 (RB_Pos:0)	LOW	64QAM	18.86	19.45	18.95	20.00
	1 (RB_Pos:13)	MIDDLE	64QAM	18.81	19.42	19.01	20.00
	1 (RB_Pos:24)	HIGH	64QAM	18.86	19.36	18.71	20.00
	12 (RB_Pos:0)	LOW	64QAM	18.10	18.22	18.23	19.00
	12 (RB_Pos:6)	MIDDLE	64QAM	18.38	18.28	18.06	19.00
	12 (RB_Pos:13)	HIGH	64QAM	18.18	18.23	18.07	19.00
	25 (RB_Pos:0)	LOW	64QAM	18.13	17.96	18.07	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18650	18900	19150	Tune up limit (dBm)

10 MHz	1 (RB_Pos:0)	LOW	QPSK	20.70	20.87	20.82	22.00
	1 (RB_Pos:25)	MIDDLE	QPSK	20.69	21.00	20.81	22.00
	1 (RB_Pos:49)	HIGH	QPSK	20.82	21.02	20.76	22.00
	25 (RB_Pos:0)	LOW	QPSK	19.77	19.97	19.79	21.00
	25 (RB_Pos:12)	MIDDLE	QPSK	19.74	19.99	19.82	21.00
	25 (RB_Pos:25)	HIGH	QPSK	19.83	19.96	19.73	21.00
	50 (RB_Pos:0)	LOW	QPSK	19.94	20.04	19.79	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.76	20.40	19.83	21.00
	1 (RB_Pos:25)	MIDDLE	16QAM	19.90	20.43	19.78	21.00
	1 (RB_Pos:49)	HIGH	16QAM	19.86	20.51	19.79	21.00
	25 (RB_Pos:0)	LOW	16QAM	18.95	19.24	18.88	20.00
	25 (RB_Pos:12)	MIDDLE	16QAM	19.02	19.11	18.92	20.00
	25 (RB_Pos:25)	HIGH	16QAM	18.93	19.11	18.92	20.00
	50 (RB_Pos:0)	LOW	16QAM	19.03	19.11	18.88	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.12	19.55	19.14	20.00
	1 (RB_Pos:25)	MIDDLE	64QAM	19.22	19.40	19.06	20.00
	1 (RB_Pos:49)	HIGH	64QAM	19.16	19.65	19.13	20.00
	25 (RB_Pos:0)	LOW	64QAM	18.28	18.29	17.84	19.00
	25 (RB_Pos:12)	MIDDLE	64QAM	18.10	17.99	18.16	19.00
	25 (RB_Pos:25)	HIGH	64QAM	17.97	18.28	18.12	19.00
	50 (RB_Pos:0)	LOW	64QAM	18.00	18.27	18.18	19.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18675	18900	19125	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	20.80	21.00	20.78	22.00
	1 (RB_Pos:38)	MIDDLE	QPSK	20.81	21.09	20.73	22.00
	1 (RB_Pos:74)	HIGH	QPSK	20.90	20.98	20.77	22.00
	36 (RB_Pos:0)	LOW	QPSK	19.93	20.14	19.72	21.00
	36 (RB_Pos:20)	MIDDLE	QPSK	19.88	20.04	19.74	21.00
	36 (RB_Pos:39)	HIGH	QPSK	19.87	20.07	19.77	21.00
	75 (RB_Pos:0)	LOW	QPSK	19.93	20.05	19.68	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.85	20.58	20.17	21.00
	1 (RB_Pos:38)	MIDDLE	16QAM	19.89	20.29	20.16	21.00
	1 (RB_Pos:74)	HIGH	16QAM	19.84	20.48	20.05	21.00
	36 (RB_Pos:0)	LOW	16QAM	18.95	19.19	18.78	20.00
	36 (RB_Pos:20)	MIDDLE	16QAM	18.93	19.17	18.81	20.00
	36 (RB_Pos:39)	HIGH	16QAM	18.97	19.17	18.74	20.00
	75 (RB_Pos:0)	LOW	16QAM	19.04	19.10	18.88	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.03	19.54	19.46	20.00
	1 (RB_Pos:38)	MIDDLE	64QAM	18.95	19.20	19.34	20.00
	1 (RB_Pos:74)	HIGH	64QAM	18.97	19.37	19.15	20.00
	36 (RB_Pos:0)	LOW	64QAM	18.06	18.42	18.10	19.00
	36 (RB_Pos:20)	MIDDLE	64QAM	18.00	18.12	18.02	19.00
	36 (RB_Pos:39)	HIGH	64QAM	18.21	18.33	17.90	19.00
	75 (RB_Pos:0)	LOW	64QAM	18.16	18.23	17.74	19.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			18700	18900	19100	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	20.72	21.10	20.57	22.00
	1 (RB_Pos:50)	MIDDLE	QPSK	20.89	**21.15**	20.75	22.00
	1 (RB_Pos:99)	HIGH	QPSK	20.84	21.04	20.64	22.00
	50 (RB_Pos:0)	LOW	QPSK	19.84	20.01	19.70	21.00
	50 (RB_Pos:25)	MIDDLE	QPSK	20.02	20.06	19.84	21.00
	50 (RB_Pos:50)	HIGH	QPSK	19.92	20.00	19.80	21.00
	100 (RB_Pos:0)	LOW	QPSK	19.99	20.12	19.88	21.00
	1 (RB_Pos:0)	LOW	16QAM	20.37	20.42	20.25	21.00
	1 (RB_Pos:50)	MIDDLE	16QAM	20.47	20.34	20.31	21.00
	1 (RB_Pos:99)	HIGH	16QAM	20.54	20.67	20.27	21.00
	50 (RB_Pos:0)	LOW	16QAM	19.02	19.07	19.01	20.00
	50 (RB_Pos:25)	MIDDLE	16QAM	18.99	19.12	18.92	20.00
	50 (RB_Pos:50)	HIGH	16QAM	18.96	19.26	18.86	20.00
	100 (RB_Pos:0)	LOW	16QAM	18.98	19.21	18.95	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.47	19.68	19.28	20.00
	1 (RB_Pos:50)	MIDDLE	64QAM	19.38	19.67	19.24	20.00
	1 (RB_Pos:99)	HIGH	64QAM	19.54	19.73	19.47	20.00
	50 (RB_Pos:0)	LOW	64QAM	18.11	18.26	17.82	19.00
	50 (RB_Pos:25)	MIDDLE	64QAM	18.23	18.32	18.09	19.00
	50 (RB_Pos:50)	HIGH	64QAM	18.10	18.16	18.04	19.00
	100 (RB_Pos:0)	LOW	64QAM	18.07	18.42	18.19	19.00

8.6.21 Power Reduced Level 1 of LTE Band 4

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	17.79	17.76	17.77	19.00
	1 (RB_Pos:3)	MIDDLE	QPSK	17.84	17.85	17.93	19.00
	1 (RB_Pos:5)	HIGH	QPSK	17.78	17.79	17.83	19.00
	3 (RB_Pos:0)	LOW	QPSK	17.76	17.80	17.92	19.00
	3 (RB_Pos:1)	MIDDLE	QPSK	17.80	17.87	17.77	19.00
	3 (RB_Pos:3)	HIGH	QPSK	17.78	17.77	17.92	19.00
	6 (RB_Pos:0)	LOW	QPSK	17.69	17.79	17.85	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.26	17.29	17.23	19.00
	1 (RB_Pos:3)	MIDDLE	16QAM	17.36	17.42	17.35	19.00
	1 (RB_Pos:5)	HIGH	16QAM	17.26	17.29	17.39	19.00
	3 (RB_Pos:0)	LOW	16QAM	17.82	17.80	17.69	19.00
	3 (RB_Pos:1)	MIDDLE	16QAM	17.91	17.89	17.09	19.00
	3 (RB_Pos:3)	HIGH	16QAM	17.82	17.76	17.78	19.00
	6 (RB_Pos:0)	LOW	16QAM	17.20	17.21	17.40	19.00

	1 (RB_Pos:0)	LOW	64QAM	17.24	17.15	17.25	19.00
	1 (RB_Pos:3)	MIDDLE	64QAM	17.16	16.95	17.18	19.00
	1 (RB_Pos:5)	HIGH	64QAM	17.02	17.05	17.00	19.00
	3 (RB_Pos:0)	LOW	64QAM	17.84	17.95	17.18	19.00
	3 (RB_Pos:1)	MIDDLE	64QAM	17.58	17.94	17.78	19.00
	3 (RB_Pos:3)	HIGH	64QAM	17.91	17.68	17.78	19.00
	6 (RB_Pos:0)	LOW	64QAM	17.11	17.09	17.08	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	17.69	17.78	17.90	19.00
	1 (RB_Pos:8)	MIDDLE	QPSK	17.72	17.81	17.88	19.00
	1 (RB_Pos:14)	HIGH	QPSK	17.70	17.82	17.84	19.00
	8 (RB_Pos:0)	LOW	QPSK	17.79	17.86	17.88	19.00
	8 (RB_Pos:3)	MIDDLE	QPSK	17.81	17.91	17.90	19.00
	8 (RB_Pos:7)	HIGH	QPSK	17.75	17.88	17.89	19.00
	15 (RB_Pos:0)	LOW	QPSK	17.81	17.89	17.92	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.07	17.47	17.27	19.00
	1 (RB_Pos:8)	MIDDLE	16QAM	17.05	17.54	17.27	19.00
	1 (RB_Pos:14)	HIGH	16QAM	17.15	17.46	17.27	19.00
	8 (RB_Pos:0)	LOW	16QAM	17.35	17.33	17.26	19.00
	8 (RB_Pos:3)	MIDDLE	16QAM	17.27	17.24	17.33	19.00
	8 (RB_Pos:7)	HIGH	16QAM	17.41	17.27	17.27	19.00
	15 (RB_Pos:0)	LOW	16QAM	17.34	17.30	17.32	19.00
	1 (RB_Pos:0)	LOW	64QAM	17.22	17.28	17.09	19.00
	1 (RB_Pos:8)	MIDDLE	64QAM	17.13	17.00	17.11	19.00
	1 (RB_Pos:14)	HIGH	64QAM	17.25	17.11	17.03	19.00
	8 (RB_Pos:0)	LOW	64QAM	17.01	17.03	17.21	19.00
	8 (RB_Pos:3)	MIDDLE	64QAM	17.22	17.14	17.48	19.00
	8 (RB_Pos:7)	HIGH	64QAM	17.19	17.29	17.70	19.00
	15 (RB_Pos:0)	LOW	64QAM	17.20	17.13	17.11	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	17.71	17.81	17.84	19.00
	1 (RB_Pos:13)	MIDDLE	QPSK	17.79	17.89	17.67	19.00
	1 (RB_Pos:24)	HIGH	QPSK	17.62	17.82	17.84	19.00
	12 (RB_Pos:0)	LOW	QPSK	17.81	17.82	17.92	19.00
	12 (RB_Pos:6)	MIDDLE	QPSK	17.81	17.87	17.79	19.00
	12 (RB_Pos:13)	HIGH	QPSK	17.77	17.89	17.93	19.00
	25 (RB_Pos:0)	LOW	QPSK	17.77	17.83	17.94	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.26	17.58	17.48	19.00
	1 (RB_Pos:13)	MIDDLE	16QAM	17.51	17.90	17.43	19.00
	1 (RB_Pos:24)	HIGH	16QAM	17.47	17.78	17.31	19.00
	12 (RB_Pos:0)	LOW	16QAM	17.19	17.44	17.49	19.00

	12 (RB_Pos:6)	MIDDLE	16QAM	17.27	17.49	17.32	19.00
	12 (RB_Pos:13)	HIGH	16QAM	17.34	17.33	17.50	19.00
	25 (RB_Pos:0)	LOW	16QAM	17.30	17.32	17.38	19.00
	1 (RB_Pos:0)	LOW	64QAM	16.94	17.38	16.76	19.00
	1 (RB_Pos:13)	MIDDLE	64QAM	17.02	17.25	17.15	19.00
	1 (RB_Pos:24)	HIGH	64QAM	17.07	17.45	17.05	19.00
	12 (RB_Pos:0)	LOW	64QAM	17.21	17.21	16.49	19.00
	12 (RB_Pos:6)	MIDDLE	64QAM	17.07	17.24	17.28	19.00
	12 (RB_Pos:13)	HIGH	64QAM	17.51	17.16	17.30	19.00
	25 (RB_Pos:0)	LOW	64QAM	17.20	17.12	17.18	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	17.73	17.83	17.90	19.00
	1 (RB_Pos:25)	MIDDLE	QPSK	17.70	17.80	17.85	19.00
	1 (RB_Pos:49)	HIGH	QPSK	17.71	17.78	17.84	19.00
	25 (RB_Pos:0)	LOW	QPSK	17.78	17.87	17.91	19.00
	25 (RB_Pos:12)	MIDDLE	QPSK	17.79	17.90	17.92	19.00
	25 (RB_Pos:25)	HIGH	QPSK	17.78	17.85	17.92	19.00
	50 (RB_Pos:0)	LOW	QPSK	17.78	17.87	17.91	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.07	17.49	17.40	19.00
	1 (RB_Pos:25)	MIDDLE	16QAM	17.05	17.62	17.26	19.00
	1 (RB_Pos:49)	HIGH	16QAM	17.08	17.65	17.32	19.00
	25 (RB_Pos:0)	LOW	16QAM	17.24	17.26	17.43	19.00
	25 (RB_Pos:12)	MIDDLE	16QAM	17.18	17.28	17.40	19.00
	25 (RB_Pos:25)	HIGH	16QAM	17.25	17.33	17.37	19.00
	50 (RB_Pos:0)	LOW	16QAM	17.31	17.28	17.46	19.00
	1 (RB_Pos:0)	LOW	64QAM	17.19	17.20	17.21	19.00
	1 (RB_Pos:25)	MIDDLE	64QAM	17.16	17.07	17.08	19.00
	1 (RB_Pos:49)	HIGH	64QAM	17.20	17.24	17.11	19.00
	25 (RB_Pos:0)	LOW	64QAM	17.20	17.19	17.18	19.00
	25 (RB_Pos:12)	MIDDLE	64QAM	17.17	17.09	17.27	19.00
	25 (RB_Pos:25)	HIGH	64QAM	17.40	17.44	17.33	19.00
	50 (RB_Pos:0)	LOW	64QAM	17.16	17.08	17.00	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	17.68	17.75	17.76	19.00
	1 (RB_Pos:38)	MIDDLE	QPSK	17.71	17.77	17.91	19.00
	1 (RB_Pos:74)	HIGH	QPSK	17.75	17.73	17.83	19.00
	36 (RB_Pos:0)	LOW	QPSK	17.75	17.81	17.82	19.00
	36 (RB_Pos:20)	MIDDLE	QPSK	17.92	17.85	17.95	19.00
	36 (RB_Pos:39)	HIGH	QPSK	17.86	17.86	17.91	19.00
	75 (RB_Pos:0)	LOW	QPSK	17.81	17.82	17.78	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.12	17.64	17.50	19.00

	1 (RB_Pos:38)	MIDDLE	16QAM	17.02	17.64	17.48	19.00
	1 (RB_Pos:74)	HIGH	16QAM	16.86	17.49	17.68	19.00
	36 (RB_Pos:0)	LOW	16QAM	17.30	17.47	17.19	19.00
	36 (RB_Pos:20)	MIDDLE	16QAM	17.33	17.24	17.30	19.00
	36 (RB_Pos:39)	HIGH	16QAM	17.37	17.34	17.32	19.00
	75 (RB_Pos:0)	LOW	16QAM	17.42	17.29	17.21	19.00
	1 (RB_Pos:0)	LOW	64QAM	17.07	17.31	17.26	19.00
	1 (RB_Pos:38)	MIDDLE	64QAM	17.22	17.15	17.41	19.00
	1 (RB_Pos:74)	HIGH	64QAM	17.13	17.11	17.19	19.00
	36 (RB_Pos:0)	LOW	64QAM	17.41	17.46	16.19	19.00
	36 (RB_Pos:20)	MIDDLE	64QAM	17.20	17.11	17.11	19.00
	36 (RB_Pos:39)	HIGH	64QAM	17.44	17.49	17.63	19.00
	75 (RB_Pos:0)	LOW	64QAM	17.45	17.21	17.15	19.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	17.64	17.76	17.74	19.00
	1 (RB_Pos:50)	MIDDLE	QPSK	17.89	**17.96**	17.88	19.00
	1 (RB_Pos:99)	HIGH	QPSK	17.76	17.83	17.79	19.00
	50 (RB_Pos:0)	LOW	QPSK	17.71	17.84	17.78	19.00
	50 (RB_Pos:25)	MIDDLE	QPSK	17.84	17.86	17.86	19.00
	50 (RB_Pos:50)	HIGH	QPSK	17.90	17.91	17.87	19.00
	100 (RB_Pos:0)	LOW	QPSK	17.83	17.84	17.77	19.00
	1 (RB_Pos:0)	LOW	16QAM	17.63	17.54	17.56	19.00
	1 (RB_Pos:50)	MIDDLE	16QAM	17.79	17.56	17.65	19.00
	1 (RB_Pos:99)	HIGH	16QAM	17.85	17.56	17.54	19.00
	50 (RB_Pos:0)	LOW	16QAM	17.33	17.31	17.18	19.00
	50 (RB_Pos:25)	MIDDLE	16QAM	17.44	17.38	17.11	19.00
	50 (RB_Pos:50)	HIGH	16QAM	17.22	17.32	17.31	19.00
	100 (RB_Pos:0)	LOW	16QAM	17.28	17.33	17.23	19.00
	1 (RB_Pos:0)	LOW	64QAM	17.16	17.14	16.92	19.00
	1 (RB_Pos:50)	MIDDLE	64QAM	17.45	17.27	17.44	19.00
	1 (RB_Pos:99)	HIGH	64QAM	17.31	17.38	17.39	19.00
	50 (RB_Pos:0)	LOW	64QAM	17.15	17.04	16.16	19.00
	50 (RB_Pos:25)	MIDDLE	64QAM	17.09	17.21	17.19	19.00
	50 (RB_Pos:50)	HIGH	64QAM	17.05	17.25	17.36	19.00
	100 (RB_Pos:0)	LOW	64QAM	17.13	17.12	17.14	19.00

8.6.22 Power Reduced Level 2&3 of LTE Band 4

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	15.69	15.84	15.88	17.00
	1 (RB_Pos:3)	MIDDLE	QPSK	15.64	15.84	15.84	17.00
	1 (RB_Pos:5)	HIGH	QPSK	15.64	15.69	15.84	17.00
	3 (RB_Pos:0)	LOW	QPSK	15.49	15.55	15.80	17.00
	3 (RB_Pos:1)	MIDDLE	QPSK	15.57	15.61	15.93	17.00
	3 (RB_Pos:3)	HIGH	QPSK	15.72	15.46	15.90	17.00
	6 (RB_Pos:0)	LOW	QPSK	15.25	15.26	15.10	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.26	15.18	15.00	17.00
	1 (RB_Pos:3)	MIDDLE	16QAM	15.26	15.26	15.05	17.00
	1 (RB_Pos:5)	HIGH	16QAM	15.30	15.29	15.05	17.00
	3 (RB_Pos:0)	LOW	16QAM	15.20	15.10	15.31	17.00
	3 (RB_Pos:1)	MIDDLE	16QAM	15.24	15.14	15.37	17.00
	3 (RB_Pos:3)	HIGH	16QAM	15.10	15.04	15.26	17.00
	6 (RB_Pos:0)	LOW	16QAM	15.03	15.04	15.07	17.00
	1 (RB_Pos:0)	LOW	64QAM	15.33	15.41	15.09	17.00
	1 (RB_Pos:3)	MIDDLE	64QAM	15.08	15.33	15.16	17.00
	1 (RB_Pos:5)	HIGH	64QAM	15.03	15.22	15.19	17.00
	3 (RB_Pos:0)	LOW	64QAM	15.91	15.97	15.89	17.00
	3 (RB_Pos:1)	MIDDLE	64QAM	15.79	15.77	15.89	17.00
	3 (RB_Pos:3)	HIGH	64QAM	15.81	15.82	15.79	17.00
	6 (RB_Pos:0)	LOW	64QAM	15.24	14.96	15.42	17.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	15.85	15.87	16.00	17.00
	1 (RB_Pos:8)	MIDDLE	QPSK	15.79	15.80	15.98	17.00
	1 (RB_Pos:14)	HIGH	QPSK	15.72	15.64	16.00	17.00
	8 (RB_Pos:0)	LOW	QPSK	15.60	15.71	15.62	17.00
	8 (RB_Pos:3)	MIDDLE	QPSK	15.60	15.65	15.71	17.00
	8 (RB_Pos:7)	HIGH	QPSK	15.49	15.58	15.69	17.00
	15 (RB_Pos:0)	LOW	QPSK	15.52	15.59	15.84	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.20	15.29	15.17	17.00
	1 (RB_Pos:8)	MIDDLE	16QAM	15.17	15.14	15.06	17.00
	1 (RB_Pos:14)	HIGH	16QAM	15.25	15.32	15.16	17.00
	8 (RB_Pos:0)	LOW	16QAM	15.50	15.38	15.46	17.00
	8 (RB_Pos:3)	MIDDLE	16QAM	15.57	15.54	15.50	17.00
	8 (RB_Pos:7)	HIGH	16QAM	15.50	15.31	15.62	17.00
	15 (RB_Pos:0)	LOW	16QAM	15.45	15.42	15.38	17.00
	1 (RB_Pos:0)	LOW	64QAM	14.86	15.35	15.06	17.00
	1 (RB_Pos:8)	MIDDLE	64QAM	15.03	15.33	14.94	17.00

	1 (RB_Pos:14)	HIGH	64QAM	15.01	15.21	15.38	17.00
	8 (RB_Pos:0)	LOW	64QAM	15.46	15.45	15.21	17.00
	8 (RB_Pos:3)	MIDDLE	64QAM	15.55	15.32	15.72	17.00
	8 (RB_Pos:7)	HIGH	64QAM	15.23	15.47	15.64	17.00
	15 (RB_Pos:0)	LOW	64QAM	15.33	15.40	15.19	17.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	15.68	15.80	15.70	17.00
	1 (RB_Pos:13)	MIDDLE	QPSK	15.66	15.96	15.96	17.00
	1 (RB_Pos:24)	HIGH	QPSK	15.63	15.82	15.90	17.00
	12 (RB_Pos:0)	LOW	QPSK	15.57	15.65	15.80	17.00
	12 (RB_Pos:6)	MIDDLE	QPSK	15.54	15.56	15.83	17.00
	12 (RB_Pos:13)	HIGH	QPSK	15.43	15.64	15.77	17.00
	25 (RB_Pos:0)	LOW	QPSK	15.57	15.60	15.81	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.14	15.57	15.12	17.00
	1 (RB_Pos:13)	MIDDLE	16QAM	15.26	15.61	15.25	17.00
	1 (RB_Pos:24)	HIGH	16QAM	15.09	15.56	15.17	17.00
	12 (RB_Pos:0)	LOW	16QAM	15.50	15.46	15.50	17.00
	12 (RB_Pos:6)	MIDDLE	16QAM	15.44	15.49	15.46	17.00
	12 (RB_Pos:13)	HIGH	16QAM	15.46	15.55	15.58	17.00
	25 (RB_Pos:0)	LOW	16QAM	15.47	15.42	15.57	17.00
	1 (RB_Pos:0)	LOW	64QAM	15.26	15.61	15.25	17.00
	1 (RB_Pos:13)	MIDDLE	64QAM	15.42	15.42	15.55	17.00
	1 (RB_Pos:24)	HIGH	64QAM	15.31	15.64	15.51	17.00
	12 (RB_Pos:0)	LOW	64QAM	15.48	15.59	15.66	17.00
	12 (RB_Pos:6)	MIDDLE	64QAM	15.47	15.60	15.62	17.00
	12 (RB_Pos:13)	HIGH	64QAM	15.50	15.25	15.36	17.00
	25 (RB_Pos:0)	LOW	64QAM	15.31	15.27	15.24	17.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	15.67	15.76	15.80	17.00
	1 (RB_Pos:25)	MIDDLE	QPSK	15.69	15.72	15.64	17.00
	1 (RB_Pos:49)	HIGH	QPSK	15.64	15.81	15.96	17.00
	25 (RB_Pos:0)	LOW	QPSK	15.69	15.60	15.74	17.00
	25 (RB_Pos:12)	MIDDLE	QPSK	15.52	15.64	15.61	17.00
	25 (RB_Pos:25)	HIGH	QPSK	15.61	15.55	15.68	17.00
	50 (RB_Pos:0)	LOW	QPSK	15.51	15.59	15.73	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.15	15.41	15.25	17.00
	1 (RB_Pos:25)	MIDDLE	16QAM	15.09	15.30	15.16	17.00
	1 (RB_Pos:49)	HIGH	16QAM	15.28	15.41	15.06	17.00
	25 (RB_Pos:0)	LOW	16QAM	15.18	15.70	15.49	17.00
	25 (RB_Pos:12)	MIDDLE	16QAM	15.30	15.44	15.52	17.00
	25 (RB_Pos:25)	HIGH	16QAM	15.51	15.49	15.72	17.00

	50 (RB_Pos:0)	LOW	16QAM	15.49	15.46	15.48	17.00
	1 (RB_Pos:0)	LOW	64QAM	15.16	15.27	15.18	17.00
	1 (RB_Pos:25)	MIDDLE	64QAM	14.87	15.33	15.11	17.00
	1 (RB_Pos:49)	HIGH	64QAM	14.97	15.53	15.24	17.00
	25 (RB_Pos:0)	LOW	64QAM	15.35	15.21	15.84	17.00
	25 (RB_Pos:12)	MIDDLE	64QAM	15.51	15.19	15.43	17.00
	25 (RB_Pos:25)	HIGH	64QAM	15.46	15.67	15.32	17.00
	50 (RB_Pos:0)	LOW	64QAM	15.23	15.27	15.35	17.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	15.69	15.69	15.76	17.00
	1 (RB_Pos:38)	MIDDLE	QPSK	15.62	15.87	15.72	17.00
	1 (RB_Pos:74)	HIGH	QPSK	15.74	15.89	15.93	17.00
	36 (RB_Pos:0)	LOW	QPSK	15.49	15.69	15.54	17.00
	36 (RB_Pos:20)	MIDDLE	QPSK	15.71	15.57	15.63	17.00
	36 (RB_Pos:39)	HIGH	QPSK	15.54	15.77	15.67	17.00
	75 (RB_Pos:0)	LOW	QPSK	15.62	15.62	15.50	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.09	15.30	15.22	17.00
	1 (RB_Pos:38)	MIDDLE	16QAM	15.08	15.36	15.50	17.00
	1 (RB_Pos:74)	HIGH	16QAM	14.64	15.30	15.35	17.00
	36 (RB_Pos:0)	LOW	16QAM	15.40	15.53	15.37	17.00
	36 (RB_Pos:20)	MIDDLE	16QAM	15.52	15.51	15.45	17.00
	36 (RB_Pos:39)	HIGH	16QAM	15.56	15.45	15.47	17.00
	75 (RB_Pos:0)	LOW	16QAM	15.60	15.59	15.38	17.00
	1 (RB_Pos:0)	LOW	64QAM	15.01	15.68	15.54	17.00
	1 (RB_Pos:38)	MIDDLE	64QAM	15.12	15.38	15.42	17.00
	1 (RB_Pos:74)	HIGH	64QAM	14.88	15.60	15.54	17.00
	36 (RB_Pos:0)	LOW	64QAM	15.40	15.62	15.29	17.00
	36 (RB_Pos:20)	MIDDLE	64QAM	15.35	15.52	15.62	17.00
	36 (RB_Pos:39)	HIGH	64QAM	15.36	15.61	15.78	17.00
	75 (RB_Pos:0)	LOW	64QAM	15.27	15.48	15.52	17.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	15.74	15.73	15.83	17.00
	1 (RB_Pos:50)	MIDDLE	QPSK	15.85	**16.06**	15.89	17.00
	1 (RB_Pos:99)	HIGH	QPSK	15.83	15.86	15.86	17.00
	50 (RB_Pos:0)	LOW	QPSK	15.55	15.65	15.65	17.00
	50 (RB_Pos:25)	MIDDLE	QPSK	15.49	15.72	15.58	17.00
	50 (RB_Pos:50)	HIGH	QPSK	15.66	15.75	15.69	17.00
	100 (RB_Pos:0)	LOW	QPSK	15.53	15.58	15.46	17.00
	1 (RB_Pos:0)	LOW	16QAM	15.36	15.43	15.23	17.00
	1 (RB_Pos:50)	MIDDLE	16QAM	15.56	15.34	15.38	17.00
	1 (RB_Pos:99)	HIGH	16QAM	15.52	15.30	15.51	17.00

	50 (RB_Pos:0)	LOW	16QAM	15.43	15.50	15.35	17.00
	50 (RB_Pos:25)	MIDDLE	16QAM	15.56	15.53	15.44	17.00
	50 (RB_Pos:50)	HIGH	16QAM	15.56	15.41	15.34	17.00
	100 (RB_Pos:0)	LOW	16QAM	15.41	15.36	15.36	17.00
	1 (RB_Pos:0)	LOW	64QAM	15.57	15.45	15.17	17.00
	1 (RB_Pos:50)	MIDDLE	64QAM	15.74	15.57	15.63	17.00
	1 (RB_Pos:99)	HIGH	64QAM	15.78	15.71	15.71	17.00
	50 (RB_Pos:0)	LOW	64QAM	15.36	15.20	15.22	17.00
	50 (RB_Pos:25)	MIDDLE	64QAM	15.35	15.47	15.55	17.00
	50 (RB_Pos:50)	HIGH	64QAM	15.13	15.29	15.60	17.00
	100 (RB_Pos:0)	LOW	64QAM	15.56	15.11	15.12	17.00

8.6.23 Power Reduced Level 4-Up Antenna of LTE Band 4

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	21.46	21.64	21.90	23.00
	1 (RB_Pos:3)	MIDDLE	QPSK	21.52	21.68	21.87	23.00
	1 (RB_Pos:5)	HIGH	QPSK	21.55	21.68	21.77	23.00
	3 (RB_Pos:0)	LOW	QPSK	21.54	21.55	21.66	23.00
	3 (RB_Pos:1)	MIDDLE	QPSK	21.62	21.53	21.74	23.00
	3 (RB_Pos:3)	HIGH	QPSK	21.60	21.36	21.58	23.00
	6 (RB_Pos:0)	LOW	QPSK	20.57	20.58	20.84	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.74	20.99	20.99	22.00
	1 (RB_Pos:3)	MIDDLE	16QAM	20.80	20.97	20.99	22.00
	1 (RB_Pos:5)	HIGH	16QAM	20.79	20.95	20.91	22.00
	3 (RB_Pos:0)	LOW	16QAM	20.77	20.79	20.92	22.00
	3 (RB_Pos:1)	MIDDLE	16QAM	20.85	20.94	21.10	22.00
	3 (RB_Pos:3)	HIGH	16QAM	20.74	20.79	20.88	22.00
	6 (RB_Pos:0)	LOW	16QAM	19.80	19.58	20.15	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.34	20.53	20.19	21.00
	1 (RB_Pos:3)	MIDDLE	64QAM	20.38	20.55	20.21	21.00
	1 (RB_Pos:5)	HIGH	64QAM	20.06	20.43	20.30	21.00
	3 (RB_Pos:0)	LOW	64QAM	19.84	19.96	20.24	21.00
	3 (RB_Pos:1)	MIDDLE	64QAM	20.04	20.29	20.64	21.00
	3 (RB_Pos:3)	HIGH	64QAM	20.14	20.16	20.09	21.00
	6 (RB_Pos:0)	LOW	64QAM	19.04	18.78	19.06	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	21.68	21.69	21.89	23.00
	1 (RB_Pos:8)	MIDDLE	QPSK	21.73	21.67	21.70	23.00
	1 (RB_Pos:14)	HIGH	QPSK	21.75	21.52	21.88	23.00

	8 (RB_Pos:0)	LOW	QPSK	20.57	20.67	20.70	22.00
	8 (RB_Pos:3)	MIDDLE	QPSK	20.65	20.69	20.95	22.00
	8 (RB_Pos:7)	HIGH	QPSK	20.64	20.72	20.72	22.00
	15 (RB_Pos:0)	LOW	QPSK	20.62	20.70	20.79	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.62	21.11	20.80	22.00
	1 (RB_Pos:8)	MIDDLE	16QAM	20.66	21.11	20.82	22.00
	1 (RB_Pos:14)	HIGH	16QAM	20.55	21.10	20.94	22.00
	8 (RB_Pos:0)	LOW	16QAM	20.02	19.78	20.01	21.00
	8 (RB_Pos:3)	MIDDLE	16QAM	19.86	19.95	20.10	21.00
	8 (RB_Pos:7)	HIGH	16QAM	19.99	19.78	19.93	21.00
	15 (RB_Pos:0)	LOW	16QAM	19.99	19.71	19.99	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.12	20.35	20.28	21.00
	1 (RB_Pos:8)	MIDDLE	64QAM	20.09	20.41	20.14	21.00
	1 (RB_Pos:14)	HIGH	64QAM	20.31	20.30	20.49	21.00
	8 (RB_Pos:0)	LOW	64QAM	19.23	19.08	19.15	20.00
	8 (RB_Pos:3)	MIDDLE	64QAM	19.53	19.04	19.58	20.00
	8 (RB_Pos:7)	HIGH	64QAM	19.21	19.19	19.53	20.00
	15 (RB_Pos:0)	LOW	64QAM	19.33	19.20	19.02	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	21.51	21.74	21.60	23.00
	1 (RB_Pos:13)	MIDDLE	QPSK	21.61	21.67	21.86	23.00
	1 (RB_Pos:24)	HIGH	QPSK	21.51	21.68	21.80	23.00
	12 (RB_Pos:0)	LOW	QPSK	20.64	20.74	20.69	22.00
	12 (RB_Pos:6)	MIDDLE	QPSK	20.50	20.75	20.93	22.00
	12 (RB_Pos:13)	HIGH	QPSK	20.52	20.64	20.81	22.00
	25 (RB_Pos:0)	LOW	QPSK	20.72	20.74	20.83	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.93	21.25	20.91	22.00
	1 (RB_Pos:13)	MIDDLE	16QAM	21.03	21.46	21.10	22.00
	1 (RB_Pos:24)	HIGH	16QAM	20.95	21.27	21.06	22.00
	12 (RB_Pos:0)	LOW	16QAM	19.87	20.10	20.04	21.00
	12 (RB_Pos:6)	MIDDLE	16QAM	19.97	20.08	20.01	21.00
	12 (RB_Pos:13)	HIGH	16QAM	19.89	19.93	20.03	21.00
	25 (RB_Pos:0)	LOW	16QAM	19.97	19.95	19.89	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.25	20.78	20.36	21.00
	1 (RB_Pos:13)	MIDDLE	64QAM	20.61	20.63	20.60	21.00
	1 (RB_Pos:24)	HIGH	64QAM	20.53	20.80	20.44	21.00
	12 (RB_Pos:0)	LOW	64QAM	19.42	19.40	19.44	20.00
	12 (RB_Pos:6)	MIDDLE	64QAM	19.21	19.45	19.41	20.00
	12 (RB_Pos:13)	HIGH	64QAM	19.43	19.29	19.32	20.00
	25 (RB_Pos:0)	LOW	64QAM	19.18	19.00	18.96	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)

10 MHz	1 (RB_Pos:0)	LOW	QPSK	21.72	21.70	21.59	23.00
	1 (RB_Pos:25)	MIDDLE	QPSK	21.59	21.57	21.68	23.00
	1 (RB_Pos:49)	HIGH	QPSK	21.71	21.65	21.78	23.00
	25 (RB_Pos:0)	LOW	QPSK	20.76	20.59	20.84	22.00
	25 (RB_Pos:12)	MIDDLE	QPSK	20.61	20.79	20.78	22.00
	25 (RB_Pos:25)	HIGH	QPSK	20.73	20.84	20.84	22.00
	50 (RB_Pos:0)	LOW	QPSK	20.64	20.64	20.80	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.75	21.10	20.82	22.00
	1 (RB_Pos:25)	MIDDLE	16QAM	20.60	21.05	20.84	22.00
	1 (RB_Pos:49)	HIGH	16QAM	20.55	21.15	20.90	22.00
	25 (RB_Pos:0)	LOW	16QAM	19.78	19.94	20.05	21.00
	25 (RB_Pos:12)	MIDDLE	16QAM	19.87	19.90	20.18	21.00
	25 (RB_Pos:25)	HIGH	16QAM	19.91	19.88	19.94	21.00
	50 (RB_Pos:0)	LOW	16QAM	19.76	19.84	20.00	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.43	20.48	20.20	21.00
	1 (RB_Pos:25)	MIDDLE	64QAM	20.07	20.50	20.20	21.00
	1 (RB_Pos:49)	HIGH	64QAM	20.18	20.54	20.24	21.00
	25 (RB_Pos:0)	LOW	64QAM	19.10	18.97	19.66	20.00
	25 (RB_Pos:12)	MIDDLE	64QAM	19.14	19.18	19.19	20.00
	25 (RB_Pos:25)	HIGH	64QAM	19.21	19.35	19.22	20.00
	50 (RB_Pos:0)	LOW	64QAM	19.17	19.20	19.28	20.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	21.63	21.60	21.57	23.00
	1 (RB_Pos:38)	MIDDLE	QPSK	21.60	21.70	21.64	23.00
	1 (RB_Pos:74)	HIGH	QPSK	21.44	21.76	21.75	23.00
	36 (RB_Pos:0)	LOW	QPSK	20.46	20.82	20.70	22.00
	36 (RB_Pos:20)	MIDDLE	QPSK	20.72	20.90	20.74	22.00
	36 (RB_Pos:39)	HIGH	QPSK	20.66	20.78	20.74	22.00
	75 (RB_Pos:0)	LOW	QPSK	20.66	20.75	20.68	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.69	21.06	21.20	22.00
	1 (RB_Pos:38)	MIDDLE	16QAM	20.57	21.08	21.16	22.00
	1 (RB_Pos:74)	HIGH	16QAM	20.43	21.14	21.35	22.00
	36 (RB_Pos:0)	LOW	16QAM	19.91	20.02	19.79	21.00
	36 (RB_Pos:20)	MIDDLE	16QAM	19.92	19.94	19.91	21.00
	36 (RB_Pos:39)	HIGH	16QAM	19.88	20.00	20.04	21.00
	75 (RB_Pos:0)	LOW	16QAM	20.06	19.95	19.98	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.99	20.86	20.68	21.00
	1 (RB_Pos:38)	MIDDLE	64QAM	20.10	20.41	20.40	21.00
	1 (RB_Pos:74)	HIGH	64QAM	19.90	20.67	20.71	21.00
	36 (RB_Pos:0)	LOW	64QAM	19.00	19.52	19.10	20.00
	36 (RB_Pos:20)	MIDDLE	64QAM	19.28	19.44	19.41	20.00
	36 (RB_Pos:39)	HIGH	64QAM	19.40	19.43	19.46	20.00
	75 (RB_Pos:0)	LOW	64QAM	19.17	19.43	19.24	20.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	21.67	21.70	21.69	23.00
	1 (RB_Pos:50)	MIDDLE	QPSK	21.76	**21.97**	21.89	23.00
	1 (RB_Pos:99)	HIGH	QPSK	21.74	21.76	21.72	23.00
	50 (RB_Pos:0)	LOW	QPSK	20.59	20.80	20.62	22.00
	50 (RB_Pos:25)	MIDDLE	QPSK	20.70	20.64	20.62	22.00
	50 (RB_Pos:50)	HIGH	QPSK	20.81	20.91	20.68	22.00
	100 (RB_Pos:0)	LOW	QPSK	20.64	20.89	20.79	22.00
	1 (RB_Pos:0)	LOW	16QAM	21.24	21.14	21.11	22.00
	1 (RB_Pos:50)	MIDDLE	16QAM	21.29	21.14	21.25	22.00
	1 (RB_Pos:99)	HIGH	16QAM	21.38	21.19	21.23	22.00
	50 (RB_Pos:0)	LOW	16QAM	19.80	19.95	19.73	21.00
	50 (RB_Pos:25)	MIDDLE	16QAM	19.91	19.95	19.77	21.00
	50 (RB_Pos:50)	HIGH	16QAM	19.80	19.95	19.92	21.00
	100 (RB_Pos:0)	LOW	16QAM	19.86	19.79	19.80	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.53	20.59	20.34	21.00
	1 (RB_Pos:50)	MIDDLE	64QAM	20.79	20.57	20.82	21.00
	1 (RB_Pos:99)	HIGH	64QAM	20.81	20.75	20.82	21.00
	50 (RB_Pos:0)	LOW	64QAM	19.35	19.14	19.19	20.00
	50 (RB_Pos:25)	MIDDLE	64QAM	19.06	19.30	19.18	20.00
	50 (RB_Pos:50)	HIGH	64QAM	19.08	19.12	19.28	20.00
	100 (RB_Pos:0)	LOW	64QAM	19.37	18.77	18.90	20.00

8.6.24 Power Reduced Level 5&6-Up Antenna of LTE Band 4

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	20.57	20.62	20.99	22.00
	1 (RB_Pos:3)	MIDDLE	QPSK	20.77	20.87	20.96	22.00
	1 (RB_Pos:5)	HIGH	QPSK	20.72	20.62	20.80	22.00
	3 (RB_Pos:0)	LOW	QPSK	20.62	20.61	20.89	22.00
	3 (RB_Pos:1)	MIDDLE	QPSK	20.68	20.66	20.92	22.00
	3 (RB_Pos:3)	HIGH	QPSK	20.52	20.53	20.89	22.00
	6 (RB_Pos:0)	LOW	QPSK	19.67	19.79	19.97	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.88	20.24	19.96	21.00
	1 (RB_Pos:3)	MIDDLE	16QAM	20.09	20.21	20.13	21.00
	1 (RB_Pos:5)	HIGH	16QAM	20.08	20.10	20.11	21.00
	3 (RB_Pos:0)	LOW	16QAM	20.00	19.98	20.28	21.00
	3 (RB_Pos:1)	MIDDLE	16QAM	19.89	20.02	20.16	21.00
	3 (RB_Pos:3)	HIGH	16QAM	19.94	19.99	20.16	21.00
	6 (RB_Pos:0)	LOW	16QAM	19.00	18.76	19.26	20.00

	1 (RB_Pos:0)	LOW	64QAM	19.98	19.99	19.90	20.00
	1 (RB_Pos:3)	MIDDLE	64QAM	19.89	19.97	19.83	20.00
	1 (RB_Pos:5)	HIGH	64QAM	19.65	19.87	19.87	20.00
	3 (RB_Pos:0)	LOW	64QAM	19.58	19.55	19.92	20.00
	3 (RB_Pos:1)	MIDDLE	64QAM	19.65	19.94	19.89	20.00
	3 (RB_Pos:3)	HIGH	64QAM	19.67	19.65	19.60	20.00
	6 (RB_Pos:0)	LOW	64QAM	18.52	18.42	18.74	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	20.81	20.78	21.03	22.00
	1 (RB_Pos:8)	MIDDLE	QPSK	20.82	20.66	20.98	22.00
	1 (RB_Pos:14)	HIGH	QPSK	20.79	20.84	20.86	22.00
	8 (RB_Pos:0)	LOW	QPSK	19.85	19.89	19.84	21.00
	8 (RB_Pos:3)	MIDDLE	QPSK	19.80	19.82	19.95	21.00
	8 (RB_Pos:7)	HIGH	QPSK	19.93	19.90	19.98	21.00
	15 (RB_Pos:0)	LOW	QPSK	19.81	19.70	20.00	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.95	20.15	19.94	21.00
	1 (RB_Pos:8)	MIDDLE	16QAM	19.80	20.08	19.98	21.00
	1 (RB_Pos:14)	HIGH	16QAM	19.80	20.29	19.94	21.00
	8 (RB_Pos:0)	LOW	16QAM	19.00	19.06	19.21	20.00
	8 (RB_Pos:3)	MIDDLE	16QAM	19.22	19.05	19.16	20.00
	8 (RB_Pos:7)	HIGH	16QAM	19.18	18.89	19.12	20.00
	15 (RB_Pos:0)	LOW	16QAM	19.14	19.06	19.14	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.50	19.74	19.90	20.00
	1 (RB_Pos:8)	MIDDLE	64QAM	19.58	19.85	19.78	20.00
	1 (RB_Pos:14)	HIGH	64QAM	19.69	19.69	19.79	20.00
	8 (RB_Pos:0)	LOW	64QAM	18.73	18.76	18.64	19.00
	8 (RB_Pos:3)	MIDDLE	64QAM	18.97	18.49	19.21	19.00
	8 (RB_Pos:7)	HIGH	64QAM	18.84	18.84	19.04	19.00
	15 (RB_Pos:0)	LOW	64QAM	18.91	18.70	18.40	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	20.62	20.80	20.72	22.00
	1 (RB_Pos:13)	MIDDLE	QPSK	20.70	20.80	20.99	22.00
	1 (RB_Pos:24)	HIGH	QPSK	20.54	20.93	20.84	22.00
	12 (RB_Pos:0)	LOW	QPSK	19.73	19.79	19.80	21.00
	12 (RB_Pos:6)	MIDDLE	QPSK	19.79	19.75	19.84	21.00
	12 (RB_Pos:13)	HIGH	QPSK	19.57	19.74	19.97	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.79	19.88	20.00	21.00
	1 (RB_Pos:0)	LOW	16QAM	20.09	20.38	20.23	21.00
	1 (RB_Pos:13)	MIDDLE	16QAM	20.26	20.61	20.21	21.00
	1 (RB_Pos:24)	HIGH	16QAM	20.19	20.49	20.06	21.00
	12 (RB_Pos:0)	LOW	16QAM	19.01	19.15	19.17	20.00

	12 (RB_Pos:6)	MIDDLE	16QAM	19.00	19.26	19.13	20.00
	12 (RB_Pos:13)	HIGH	16QAM	18.97	19.17	19.25	20.00
	25 (RB_Pos:0)	LOW	16QAM	18.93	19.15	19.17	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.80	19.79	19.80	20.00
	1 (RB_Pos:13)	MIDDLE	64QAM	19.97	19.89	19.79	20.00
	1 (RB_Pos:24)	HIGH	64QAM	19.90	19.69	19.88	20.00
	12 (RB_Pos:0)	LOW	64QAM	18.85	18.86	19.08	19.00
	12 (RB_Pos:6)	MIDDLE	64QAM	18.81	19.06	19.10	19.00
	12 (RB_Pos:13)	HIGH	64QAM	18.88	18.85	18.85	19.00
	25 (RB_Pos:0)	LOW	64QAM	18.66	18.47	18.55	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	20.74	20.70	20.74	22.00
	1 (RB_Pos:25)	MIDDLE	QPSK	20.74	20.73	20.67	22.00
	1 (RB_Pos:49)	HIGH	QPSK	20.78	20.77	20.83	22.00
	25 (RB_Pos:0)	LOW	QPSK	19.71	19.86	19.96	21.00
	25 (RB_Pos:12)	MIDDLE	QPSK	19.87	19.78	19.84	21.00
	25 (RB_Pos:25)	HIGH	QPSK	19.68	19.81	19.78	21.00
	50 (RB_Pos:0)	LOW	QPSK	19.77	19.87	19.97	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.94	20.29	20.11	21.00
	1 (RB_Pos:25)	MIDDLE	16QAM	19.81	20.36	20.12	21.00
	1 (RB_Pos:49)	HIGH	16QAM	19.81	20.20	19.96	21.00
	25 (RB_Pos:0)	LOW	16QAM	18.95	18.93	19.11	20.00
	25 (RB_Pos:12)	MIDDLE	16QAM	18.93	19.00	19.20	20.00
	25 (RB_Pos:25)	HIGH	16QAM	18.92	19.17	19.12	20.00
	50 (RB_Pos:0)	LOW	16QAM	19.10	19.05	19.17	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.85	19.92	19.74	20.00
	1 (RB_Pos:25)	MIDDLE	64QAM	19.46	19.77	19.95	20.00
	1 (RB_Pos:49)	HIGH	64QAM	19.78	19.94	19.80	20.00
	25 (RB_Pos:0)	LOW	64QAM	18.62	18.53	19.07	19.00
	25 (RB_Pos:12)	MIDDLE	64QAM	18.84	18.66	18.74	19.00
	25 (RB_Pos:25)	HIGH	64QAM	18.82	19.05	18.68	19.00
	50 (RB_Pos:0)	LOW	64QAM	18.84	18.84	18.67	19.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	20.69	20.84	20.85	22.00
	1 (RB_Pos:38)	MIDDLE	QPSK	20.57	20.82	20.73	22.00
	1 (RB_Pos:74)	HIGH	QPSK	20.79	20.87	20.78	22.00
	36 (RB_Pos:0)	LOW	QPSK	19.77	19.92	19.82	21.00
	36 (RB_Pos:20)	MIDDLE	QPSK	19.75	19.87	20.07	21.00
	36 (RB_Pos:39)	HIGH	QPSK	19.80	19.95	19.93	21.00
	75 (RB_Pos:0)	LOW	QPSK	19.65	19.95	19.74	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.82	20.30	20.38	21.00

	1 (RB_Pos:38)	MIDDLE	16QAM	19.86	20.30	20.27	21.00
	1 (RB_Pos:74)	HIGH	16QAM	19.61	20.19	20.45	21.00
	36 (RB_Pos:0)	LOW	16QAM	18.90	19.16	19.02	20.00
	36 (RB_Pos:20)	MIDDLE	16QAM	19.17	19.04	19.17	20.00
	36 (RB_Pos:39)	HIGH	16QAM	19.04	19.11	19.13	20.00
	75 (RB_Pos:0)	LOW	16QAM	19.25	19.01	19.14	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.63	19.89	19.89	20.00
	1 (RB_Pos:38)	MIDDLE	64QAM	19.74	19.77	19.94	20.00
	1 (RB_Pos:74)	HIGH	64QAM	19.62	19.68	19.77	20.00
	36 (RB_Pos:0)	LOW	64QAM	18.64	19.13	18.64	19.00
	36 (RB_Pos:20)	MIDDLE	64QAM	18.68	18.84	19.00	19.00
	36 (RB_Pos:39)	HIGH	64QAM	18.95	18.97	19.01	19.00
	75 (RB_Pos:0)	LOW	64QAM	18.68	19.00	18.75	19.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	20.69	20.81	20.75	22.00
	1 (RB_Pos:50)	MIDDLE	QPSK	21.00	**21.09**	21.01	22.00
	1 (RB_Pos:99)	HIGH	QPSK	20.86	20.91	20.99	22.00
	50 (RB_Pos:0)	LOW	QPSK	19.85	19.77	19.93	21.00
	50 (RB_Pos:25)	MIDDLE	QPSK	19.79	19.94	19.79	21.00
	50 (RB_Pos:50)	HIGH	QPSK	19.86	20.04	19.80	21.00
	100 (RB_Pos:0)	LOW	QPSK	19.72	19.82	19.74	21.00
	1 (RB_Pos:0)	LOW	16QAM	20.44	20.35	20.20	21.00
	1 (RB_Pos:50)	MIDDLE	16QAM	20.41	20.40	20.45	21.00
	1 (RB_Pos:99)	HIGH	16QAM	20.37	20.39	20.49	21.00
	50 (RB_Pos:0)	LOW	16QAM	18.88	19.03	18.81	20.00
	50 (RB_Pos:25)	MIDDLE	16QAM	19.08	19.14	18.86	20.00
	50 (RB_Pos:50)	HIGH	16QAM	18.95	19.05	18.92	20.00
	100 (RB_Pos:0)	LOW	16QAM	19.07	19.06	19.04	20.00
	1 (RB_Pos:0)	LOW	64QAM	19.78	19.78	19.58	20.00
	1 (RB_Pos:50)	MIDDLE	64QAM	19.91	19.72	19.79	20.00
	1 (RB_Pos:99)	HIGH	64QAM	19.89	19.97	19.77	20.00
	50 (RB_Pos:0)	LOW	64QAM	18.75	18.51	18.60	19.00
	50 (RB_Pos:25)	MIDDLE	64QAM	18.77	18.87	18.86	19.00
	50 (RB_Pos:50)	HIGH	64QAM	18.53	18.68	18.84	19.00
	100 (RB_Pos:0)	LOW	64QAM	18.93	18.49	18.44	19.00

8.6.25 Power Reduced Level 4&5&6-Down Antenna of LTE Band 4

FDD LTE Band 4							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19957	20175	20393	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	19.40	19.57	19.89	21.00
	1 (RB_Pos:3)	MIDDLE	QPSK	19.50	19.53	19.87	21.00
	1 (RB_Pos:5)	HIGH	QPSK	19.51	19.64	19.76	21.00
	3 (RB_Pos:0)	LOW	QPSK	19.76	19.89	19.79	21.00
	3 (RB_Pos:1)	MIDDLE	QPSK	19.95	19.79	19.78	21.00
	3 (RB_Pos:3)	HIGH	QPSK	19.89	19.89	19.98	21.00
	6 (RB_Pos:0)	LOW	QPSK	18.89	18.83	19.04	21.00
	1 (RB_Pos:0)	LOW	16QAM	18.91	19.25	19.01	21.00
	1 (RB_Pos:3)	MIDDLE	16QAM	19.21	19.38	19.24	21.00
	1 (RB_Pos:5)	HIGH	16QAM	19.13	19.29	19.13	21.00
	3 (RB_Pos:0)	LOW	16QAM	19.62	19.77	19.83	21.00
	3 (RB_Pos:1)	MIDDLE	16QAM	19.65	19.88	19.97	21.00
	3 (RB_Pos:3)	HIGH	16QAM	19.63	19.55	19.85	21.00
	6 (RB_Pos:0)	LOW	16QAM	18.71	18.46	18.85	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.56	19.66	19.39	21.00
	1 (RB_Pos:3)	MIDDLE	64QAM	19.51	19.62	19.30	21.00
	1 (RB_Pos:5)	HIGH	64QAM	19.25	19.58	19.35	21.00
	3 (RB_Pos:0)	LOW	64QAM	19.67	19.72	19.93	21.00
	3 (RB_Pos:1)	MIDDLE	64QAM	19.91	19.98	19.85	21.00
	3 (RB_Pos:3)	HIGH	64QAM	19.96	19.69	19.93	21.00
	6 (RB_Pos:0)	LOW	64QAM	18.75	18.50	19.02	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19965	20175	20385	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	19.63	19.63	19.76	21.00
	1 (RB_Pos:8)	MIDDLE	QPSK	19.64	19.70	19.84	21.00
	1 (RB_Pos:14)	HIGH	QPSK	19.67	19.59	19.87	21.00
	8 (RB_Pos:0)	LOW	QPSK	18.98	19.08	19.04	21.00
	8 (RB_Pos:3)	MIDDLE	QPSK	19.03	19.07	19.27	21.00
	8 (RB_Pos:7)	HIGH	QPSK	19.05	19.00	19.11	21.00
	15 (RB_Pos:0)	LOW	QPSK	18.95	19.05	19.12	21.00
	1 (RB_Pos:0)	LOW	16QAM	18.99	19.28	19.13	21.00
	1 (RB_Pos:8)	MIDDLE	16QAM	18.84	19.21	19.25	21.00
	1 (RB_Pos:14)	HIGH	16QAM	18.94	19.35	19.18	21.00
	8 (RB_Pos:0)	LOW	16QAM	18.81	18.82	18.89	21.00
	8 (RB_Pos:3)	MIDDLE	16QAM	18.76	18.74	18.90	21.00
	8 (RB_Pos:7)	HIGH	16QAM	18.85	18.77	18.78	21.00
	15 (RB_Pos:0)	LOW	16QAM	18.89	18.78	18.76	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.09	19.47	19.30	21.00
	1 (RB_Pos:8)	MIDDLE	64QAM	19.09	19.62	19.33	21.00

	1 (RB_Pos:14)	HIGH	64QAM	19.49	19.43	19.73	21.00
	8 (RB_Pos:0)	LOW	64QAM	19.06	18.92	18.82	21.00
	8 (RB_Pos:3)	MIDDLE	64QAM	19.12	18.79	19.32	21.00
	8 (RB_Pos:7)	HIGH	64QAM	18.84	19.04	19.36	21.00
	15 (RB_Pos:0)	LOW	64QAM	19.04	18.93	18.68	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			19975	20175	20375	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	19.58	19.68	19.79	21.00
	1 (RB_Pos:13)	MIDDLE	QPSK	19.58	19.84	19.92	21.00
	1 (RB_Pos:24)	HIGH	QPSK	19.54	19.87	19.88	21.00
	12 (RB_Pos:0)	LOW	QPSK	18.91	19.13	19.01	21.00
	12 (RB_Pos:6)	MIDDLE	QPSK	19.02	19.11	19.08	21.00
	12 (RB_Pos:13)	HIGH	QPSK	18.80	18.97	19.02	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.06	18.94	19.11	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.05	19.42	19.22	21.00
	1 (RB_Pos:13)	MIDDLE	16QAM	19.15	19.70	19.43	21.00
	1 (RB_Pos:24)	HIGH	16QAM	19.30	19.60	19.21	21.00
	12 (RB_Pos:0)	LOW	16QAM	18.89	18.79	18.94	21.00
	12 (RB_Pos:6)	MIDDLE	16QAM	18.90	18.87	18.90	21.00
	12 (RB_Pos:13)	HIGH	16QAM	18.71	18.84	18.95	21.00
	25 (RB_Pos:0)	LOW	16QAM	18.64	18.82	18.91	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.63	19.92	19.34	21.00
	1 (RB_Pos:13)	MIDDLE	64QAM	19.65	19.86	19.89	21.00
	1 (RB_Pos:24)	HIGH	64QAM	19.71	19.79	19.76	21.00
	12 (RB_Pos:0)	LOW	64QAM	19.26	19.20	19.19	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	18.94	19.36	19.15	21.00
	12 (RB_Pos:13)	HIGH	64QAM	19.24	18.92	19.09	21.00
	25 (RB_Pos:0)	LOW	64QAM	18.82	18.73	18.82	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20000	20175	20350	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	19.76	19.51	19.60	21.00
	1 (RB_Pos:25)	MIDDLE	QPSK	19.66	19.69	19.68	21.00
	1 (RB_Pos:49)	HIGH	QPSK	19.54	19.74	19.90	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.12	18.89	19.20	21.00
	25 (RB_Pos:12)	MIDDLE	QPSK	18.96	19.06	19.24	21.00
	25 (RB_Pos:25)	HIGH	QPSK	18.97	18.99	19.07	21.00
	50 (RB_Pos:0)	LOW	QPSK	19.04	19.11	19.10	21.00
	1 (RB_Pos:0)	LOW	16QAM	18.84	19.29	19.13	21.00
	1 (RB_Pos:25)	MIDDLE	16QAM	18.89	19.51	19.03	21.00
	1 (RB_Pos:49)	HIGH	16QAM	18.92	19.36	19.13	21.00
	25 (RB_Pos:0)	LOW	16QAM	18.81	18.86	18.99	21.00
	25 (RB_Pos:12)	MIDDLE	16QAM	18.66	18.88	18.95	21.00
	25 (RB_Pos:25)	HIGH	16QAM	18.64	18.71	18.96	21.00

	50 (RB_Pos:0)	LOW	16QAM	18.70	18.72	18.79	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.59	19.63	19.39	21.00
	1 (RB_Pos:25)	MIDDLE	64QAM	19.12	19.69	19.44	21.00
	1 (RB_Pos:49)	HIGH	64QAM	19.29	19.86	19.51	21.00
	25 (RB_Pos:0)	LOW	64QAM	18.78	18.87	19.43	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	18.96	18.80	19.13	21.00
	25 (RB_Pos:25)	HIGH	64QAM	19.02	19.33	19.02	21.00
	50 (RB_Pos:0)	LOW	64QAM	18.96	18.99	19.07	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20025	20175	20325	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	19.63	19.65	19.77	21.00
	1 (RB_Pos:38)	MIDDLE	QPSK	19.50	19.73	19.71	21.00
	1 (RB_Pos:74)	HIGH	QPSK	19.59	19.57	19.75	21.00
	36 (RB_Pos:0)	LOW	QPSK	18.96	18.94	19.01	21.00
	36 (RB_Pos:20)	MIDDLE	QPSK	19.02	19.21	19.10	21.00
	36 (RB_Pos:39)	HIGH	QPSK	18.88	19.01	19.26	21.00
	75 (RB_Pos:0)	LOW	QPSK	19.03	19.07	19.08	21.00
	1 (RB_Pos:0)	LOW	16QAM	18.96	19.51	19.30	21.00
	1 (RB_Pos:38)	MIDDLE	16QAM	18.92	19.37	19.34	21.00
	1 (RB_Pos:74)	HIGH	16QAM	18.72	19.28	19.41	21.00
	36 (RB_Pos:0)	LOW	16QAM	18.64	18.78	18.89	21.00
	36 (RB_Pos:20)	MIDDLE	16QAM	18.94	18.91	18.82	21.00
	36 (RB_Pos:39)	HIGH	16QAM	19.01	18.82	18.88	21.00
	75 (RB_Pos:0)	LOW	16QAM	18.97	18.79	18.69	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.20	19.89	19.78	21.00
	1 (RB_Pos:38)	MIDDLE	64QAM	19.43	19.70	19.55	21.00
	1 (RB_Pos:74)	HIGH	64QAM	19.19	19.76	19.82	21.00
	36 (RB_Pos:0)	LOW	64QAM	18.76	19.36	18.88	21.00
	36 (RB_Pos:20)	MIDDLE	64QAM	19.09	19.01	19.16	21.00
	36 (RB_Pos:39)	HIGH	64QAM	19.13	19.26	19.22	21.00
	75 (RB_Pos:0)	LOW	64QAM	18.77	19.02	19.05	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20050	20175	20300	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	19.71	19.67	19.59	21.00
	1 (RB_Pos:50)	MIDDLE	QPSK	19.82	**19.99**	19.89	21.00
	1 (RB_Pos:99)	HIGH	QPSK	19.80	19.64	19.75	21.00
	50 (RB_Pos:0)	LOW	QPSK	18.89	19.06	18.99	21.00
	50 (RB_Pos:25)	MIDDLE	QPSK	19.14	19.12	19.11	21.00
	50 (RB_Pos:50)	HIGH	QPSK	18.98	19.23	19.21	21.00
	100 (RB_Pos:0)	LOW	QPSK	18.99	19.07	19.04	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.46	19.42	19.38	21.00
	1 (RB_Pos:50)	MIDDLE	16QAM	19.66	19.46	19.34	21.00
	1 (RB_Pos:99)	HIGH	16QAM	19.63	19.25	19.40	21.00

	50 (RB_Pos:0)	LOW	16QAM	18.60	18.85	18.55	21.00
	50 (RB_Pos:25)	MIDDLE	16QAM	18.87	18.81	18.82	21.00
	50 (RB_Pos:50)	HIGH	16QAM	18.89	18.67	18.68	21.00
	100 (RB_Pos:0)	LOW	16QAM	18.84	18.76	18.60	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.87	19.84	19.41	21.00
	1 (RB_Pos:50)	MIDDLE	64QAM	19.91	19.79	19.96	21.00
	1 (RB_Pos:99)	HIGH	64QAM	19.89	19.79	19.97	21.00
	50 (RB_Pos:0)	LOW	64QAM	19.04	18.84	18.89	21.00
	50 (RB_Pos:25)	MIDDLE	64QAM	18.84	18.90	19.05	21.00
	50 (RB_Pos:50)	HIGH	64QAM	18.78	18.72	19.01	21.00
	100 (RB_Pos:0)	LOW	64QAM	19.17	19.24	19.14	21.00

8.6.26 Power Reduced Level 1 of LTE Band 5

FDD LTE Band 5							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20407	20525	20643	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	21.30	21.36	21.13	23.00
	1 (RB_Pos:3)	MIDDLE	QPSK	21.39	21.19	21.32	23.00
	1 (RB_Pos:5)	HIGH	QPSK	21.37	21.12	21.21	23.00
	3 (RB_Pos:0)	LOW	QPSK	21.24	21.12	21.11	22.00
	3 (RB_Pos:1)	MIDDLE	QPSK	21.30	21.34	21.06	22.00
	3 (RB_Pos:3)	HIGH	QPSK	21.34	21.10	21.30	22.00
	6 (RB_Pos:0)	LOW	QPSK	20.42	20.24	20.46	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.55	20.51	20.30	22.00
	1 (RB_Pos:3)	MIDDLE	16QAM	20.37	20.59	20.37	22.00
	1 (RB_Pos:5)	HIGH	16QAM	20.33	20.53	20.28	22.00
	3 (RB_Pos:0)	LOW	16QAM	20.38	20.49	20.41	21.00
	3 (RB_Pos:1)	MIDDLE	16QAM	20.32	20.41	20.58	21.00
	3 (RB_Pos:3)	HIGH	16QAM	20.30	20.33	20.51	21.00
	6 (RB_Pos:0)	LOW	16QAM	19.51	19.09	19.65	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.47	20.64	20.75	21.00
	1 (RB_Pos:3)	MIDDLE	64QAM	20.59	20.96	20.93	21.00
	1 (RB_Pos:5)	HIGH	64QAM	20.95	20.85	20.57	21.00
	3 (RB_Pos:0)	LOW	64QAM	19.98	19.89	19.99	20.00
	3 (RB_Pos:1)	MIDDLE	64QAM	19.94	19.80	19.90	20.00
	3 (RB_Pos:3)	HIGH	64QAM	19.81	19.89	19.41	20.00
	6 (RB_Pos:0)	LOW	64QAM	19.88	19.73	19.98	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20415	20525	20635	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	21.11	21.27	21.22	23.00
	1 (RB_Pos:8)	MIDDLE	QPSK	21.54	21.23	21.56	23.00
	1 (RB_Pos:14)	HIGH	QPSK	21.45	21.30	21.29	23.00

	8 (RB_Pos:0)	LOW	QPSK	20.55	20.35	20.48	22.00
	8 (RB_Pos:3)	MIDDLE	QPSK	20.46	20.43	20.66	22.00
	8 (RB_Pos:7)	HIGH	QPSK	20.51	20.48	20.52	22.00
	15 (RB_Pos:0)	LOW	QPSK	20.41	20.35	20.54	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.39	20.64	20.44	22.00
	1 (RB_Pos:8)	MIDDLE	16QAM	20.21	20.62	20.52	22.00
	1 (RB_Pos:14)	HIGH	16QAM	20.22	20.55	20.44	22.00
	8 (RB_Pos:0)	LOW	16QAM	19.70	19.55	19.61	21.00
	8 (RB_Pos:3)	MIDDLE	16QAM	19.58	19.37	19.56	21.00
	8 (RB_Pos:7)	HIGH	16QAM	19.61	19.53	19.65	21.00
	15 (RB_Pos:0)	LOW	16QAM	19.45	19.38	19.51	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.71	21.03	20.98	21.00
	1 (RB_Pos:8)	MIDDLE	64QAM	20.56	20.87	20.67	21.00
	1 (RB_Pos:14)	HIGH	64QAM	20.94	20.86	20.92	21.00
	8 (RB_Pos:0)	LOW	64QAM	19.85	19.86	19.92	20.00
	8 (RB_Pos:3)	MIDDLE	64QAM	19.96	19.94	19.72	20.00
	8 (RB_Pos:7)	HIGH	64QAM	19.81	19.90	19.86	20.00
	15 (RB_Pos:0)	LOW	64QAM	19.65	19.68	19.80	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20425	20525	20625	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	21.46	21.36	21.22	23.00
	1 (RB_Pos:13)	MIDDLE	QPSK	21.45	21.48	21.30	23.00
	1 (RB_Pos:24)	HIGH	QPSK	21.31	21.29	21.34	23.00
	12 (RB_Pos:0)	LOW	QPSK	20.59	20.35	20.48	22.00
	12 (RB_Pos:6)	MIDDLE	QPSK	20.45	20.37	20.61	22.00
	12 (RB_Pos:13)	HIGH	QPSK	20.29	20.21	20.65	22.00
	25 (RB_Pos:0)	LOW	QPSK	20.51	20.24	20.49	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.67	20.98	20.71	22.00
	1 (RB_Pos:13)	MIDDLE	16QAM	20.61	20.89	20.61	22.00
	1 (RB_Pos:24)	HIGH	16QAM	20.57	20.72	20.40	22.00
	12 (RB_Pos:0)	LOW	16QAM	19.56	19.53	19.51	21.00
	12 (RB_Pos:6)	MIDDLE	16QAM	19.65	19.46	19.67	21.00
	12 (RB_Pos:13)	HIGH	16QAM	19.44	19.60	19.60	21.00
	25 (RB_Pos:0)	LOW	16QAM	19.61	19.33	19.56	21.00
	1 (RB_Pos:0)	LOW	64QAM	21.15	21.32	21.02	21.00
	1 (RB_Pos:13)	MIDDLE	64QAM	20.90	21.34	21.32	21.00
	1 (RB_Pos:24)	HIGH	64QAM	20.66	21.21	20.78	21.00
	12 (RB_Pos:0)	LOW	64QAM	19.83	19.94	19.70	20.00
	12 (RB_Pos:6)	MIDDLE	64QAM	19.73	19.93	19.95	20.00
	12 (RB_Pos:13)	HIGH	64QAM	19.72	19.91	19.76	20.00
	25 (RB_Pos:0)	LOW	64QAM	19.86	19.68	19.74	20.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20450	20525	20600	Tune up limit (dBm)

10 MHz	1 (RB_Pos:0)	LOW	QPSK	21.53	21.37	21.50	23.00
	1 (RB_Pos:25)	MIDDLE	QPSK	21.46	21.30	21.37	23.00
	1 (RB_Pos:49)	HIGH	QPSK	21.56	21.54	**21.63**	23.00
	25 (RB_Pos:0)	LOW	QPSK	20.42	20.47	20.37	22.00
	25 (RB_Pos:12)	MIDDLE	QPSK	20.47	20.51	20.53	22.00
	25 (RB_Pos:25)	HIGH	QPSK	20.43	20.39	20.49	22.00
	50 (RB_Pos:0)	LOW	QPSK	20.42	20.42	20.48	22.00
	1 (RB_Pos:0)	LOW	16QAM	20.21	20.79	20.26	22.00
	1 (RB_Pos:25)	MIDDLE	16QAM	20.23	20.69	20.49	22.00
	1 (RB_Pos:49)	HIGH	16QAM	20.47	20.49	20.21	22.00
	25 (RB_Pos:0)	LOW	16QAM	19.57	19.32	19.44	21.00
	25 (RB_Pos:12)	MIDDLE	16QAM	19.52	19.49	19.54	21.00
	25 (RB_Pos:25)	HIGH	16QAM	19.60	19.25	19.51	21.00
	50 (RB_Pos:0)	LOW	16QAM	19.42	19.44	19.33	21.00
	1 (RB_Pos:0)	LOW	64QAM	20.65	20.68	20.46	21.00
	1 (RB_Pos:25)	MIDDLE	64QAM	20.60	20.99	20.62	21.00
	1 (RB_Pos:49)	HIGH	64QAM	20.51	20.55	20.77	21.00
	25 (RB_Pos:0)	LOW	64QAM	19.89	19.79	19.94	20.00
	25 (RB_Pos:12)	MIDDLE	64QAM	19.87	19.65	19.90	20.00
	25 (RB_Pos:25)	HIGH	64QAM	19.94	19.74	19.95	20.00
	50 (RB_Pos:0)	LOW	64QAM	19.83	19.53	19.80	20.00

8.6.27 Power Reduced Level 2&3 of LTE Band 5

FDD LTE Band 5							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20407	20525	20643	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	19.70	19.39	19.65	21.00
	1 (RB_Pos:3)	MIDDLE	QPSK	19.67	19.34	19.47	21.00
	1 (RB_Pos:5)	HIGH	QPSK	19.43	19.32	19.49	21.00
	3 (RB_Pos:0)	LOW	QPSK	19.22	19.15	19.28	21.00
	3 (RB_Pos:1)	MIDDLE	QPSK	19.24	19.07	19.28	21.00
	3 (RB_Pos:3)	HIGH	QPSK	19.22	18.91	19.25	21.00
	6 (RB_Pos:0)	LOW	QPSK	18.24	18.26	18.41	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.08	19.28	19.16	21.00
	1 (RB_Pos:3)	MIDDLE	16QAM	19.06	19.43	19.14	21.00
	1 (RB_Pos:5)	HIGH	16QAM	19.21	19.27	19.09	21.00
	3 (RB_Pos:0)	LOW	16QAM	19.15	19.03	19.17	21.00
	3 (RB_Pos:1)	MIDDLE	16QAM	19.05	19.28	19.23	21.00
	3 (RB_Pos:3)	HIGH	16QAM	19.21	19.16	19.05	21.00
	6 (RB_Pos:0)	LOW	16QAM	19.01	19.02	19.03	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.34	19.40	19.24	21.00
	1 (RB_Pos:3)	MIDDLE	64QAM	19.22	19.44	19.25	21.00
	1 (RB_Pos:5)	HIGH	64QAM	19.23	19.42	19.06	21.00

	3 (RB_Pos:0)	LOW	64QAM	19.11	19.00	19.29	21.00
	3 (RB_Pos:1)	MIDDLE	64QAM	19.25	19.27	19.27	21.00
	3 (RB_Pos:3)	HIGH	64QAM	19.23	19.19	19.11	21.00
	6 (RB_Pos:0)	LOW	64QAM	19.11	19.09	19.21	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20415	20525	20635	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	19.70	19.40	19.61	21.00
	1 (RB_Pos:8)	MIDDLE	QPSK	19.60	19.56	19.67	21.00
	1 (RB_Pos:14)	HIGH	QPSK	19.62	19.55	19.49	21.00
	8 (RB_Pos:0)	LOW	QPSK	19.29	19.11	19.09	21.00
	8 (RB_Pos:3)	MIDDLE	QPSK	19.27	19.09	19.16	21.00
	8 (RB_Pos:7)	HIGH	QPSK	19.08	19.13	19.09	21.00
	15 (RB_Pos:0)	LOW	QPSK	19.02	19.09	19.21	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.12	19.27	19.38	21.00
	1 (RB_Pos:8)	MIDDLE	16QAM	19.03	19.42	19.11	21.00
	1 (RB_Pos:14)	HIGH	16QAM	19.23	19.38	19.20	21.00
	8 (RB_Pos:0)	LOW	16QAM	19.11	19.22	19.32	21.00
	8 (RB_Pos:3)	MIDDLE	16QAM	19.22	19.18	19.41	21.00
	8 (RB_Pos:7)	HIGH	16QAM	19.11	19.17	19.13	21.00
	15 (RB_Pos:0)	LOW	16QAM	19.11	19.06	19.14	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.22	19.54	19.43	21.00
	1 (RB_Pos:8)	MIDDLE	64QAM	19.25	19.44	19.14	21.00
	1 (RB_Pos:14)	HIGH	64QAM	19.31	19.57	19.20	21.00
	8 (RB_Pos:0)	LOW	64QAM	19.21	19.21	19.11	21.00
	8 (RB_Pos:3)	MIDDLE	64QAM	19.22	19.17	19.19	21.00
	8 (RB_Pos:7)	HIGH	64QAM	19.47	19.28	19.33	21.00
	15 (RB_Pos:0)	LOW	64QAM	19.24	19.24	19.21	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20425	20525	20625	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	19.77	19.44	19.46	21.00
	1 (RB_Pos:13)	MIDDLE	QPSK	19.76	19.50	19.54	21.00
	1 (RB_Pos:24)	HIGH	QPSK	19.51	19.46	19.72	21.00
	12 (RB_Pos:0)	LOW	QPSK	19.19	19.24	19.25	21.00
	12 (RB_Pos:6)	MIDDLE	QPSK	19.15	19.00	19.15	21.00
	12 (RB_Pos:13)	HIGH	QPSK	19.34	19.03	19.12	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.12	19.02	19.09	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.38	19.58	19.25	21.00
	1 (RB_Pos:13)	MIDDLE	16QAM	19.26	19.67	19.46	21.00
	1 (RB_Pos:24)	HIGH	16QAM	19.38	19.49	19.12	21.00
	12 (RB_Pos:0)	LOW	16QAM	19.14	19.11	19.18	21.00
	12 (RB_Pos:6)	MIDDLE	16QAM	19.09	19.04	19.10	21.00
	12 (RB_Pos:13)	HIGH	16QAM	19.04	19.03	19.09	21.00
	25 (RB_Pos:0)	LOW	16QAM	19.01	19.00	19.02	21.00

	1 (RB_Pos:0)	LOW	64QAM	19.51	19.47	19.49	21.00
	1 (RB_Pos:13)	MIDDLE	64QAM	19.46	19.47	19.67	21.00
	1 (RB_Pos:24)	HIGH	64QAM	19.16	19.59	19.25	21.00
	12 (RB_Pos:0)	LOW	64QAM	19.24	19.23	19.05	21.00
	12 (RB_Pos:6)	MIDDLE	64QAM	19.11	19.07	19.03	21.00
	12 (RB_Pos:13)	HIGH	64QAM	19.08	19.04	19.04	21.00
	25 (RB_Pos:0)	LOW	64QAM	19.00	19.00	19.01	21.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20450	20525	20600	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	19.53	19.50	19.63	21.00
	1 (RB_Pos:25)	MIDDLE	QPSK	19.63	19.57	19.65	21.00
	1 (RB_Pos:49)	HIGH	QPSK	19.64	19.67	**19.75**	21.00
	25 (RB_Pos:0)	LOW	QPSK	19.03	19.06	19.09	21.00
	25 (RB_Pos:12)	MIDDLE	QPSK	19.14	19.11	19.27	21.00
	25 (RB_Pos:25)	HIGH	QPSK	19.25	19.06	19.14	21.00
	50 (RB_Pos:0)	LOW	QPSK	19.17	19.07	19.19	21.00
	1 (RB_Pos:0)	LOW	16QAM	19.09	19.28	19.35	21.00
	1 (RB_Pos:25)	MIDDLE	16QAM	19.05	19.29	19.12	21.00
	1 (RB_Pos:49)	HIGH	16QAM	19.11	19.35	19.27	21.00
	25 (RB_Pos:0)	LOW	16QAM	19.13	19.19	19.11	21.00
	25 (RB_Pos:12)	MIDDLE	16QAM	19.38	19.04	19.36	21.00
	25 (RB_Pos:25)	HIGH	16QAM	19.16	19.01	19.21	21.00
	50 (RB_Pos:0)	LOW	16QAM	19.16	19.08	19.08	21.00
	1 (RB_Pos:0)	LOW	64QAM	19.20	19.48	19.00	21.00
	1 (RB_Pos:25)	MIDDLE	64QAM	19.10	19.27	19.16	21.00
	1 (RB_Pos:49)	HIGH	64QAM	19.05	19.26	19.20	21.00
	25 (RB_Pos:0)	LOW	64QAM	19.23	19.34	19.38	21.00
	25 (RB_Pos:12)	MIDDLE	64QAM	19.40	19.25	19.44	21.00
	25 (RB_Pos:25)	HIGH	64QAM	19.42	19.26	19.27	21.00
	50 (RB_Pos:0)	LOW	64QAM	19.24	19.27	19.19	21.00

8.6.28 Power Reduced Level 1 of LTE Band 7

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20775	21100	21425	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	16.51	16.51	16.46	17.30
	1 (RB_Pos:13)	MIDDLE	QPSK	16.50	16.51	16.47	17.30
	1 (RB_Pos:24)	HIGH	QPSK	16.46	16.49	16.44	17.30
	12 (RB_Pos:0)	LOW	QPSK	16.52	16.50	16.44	17.30
	12 (RB_Pos:6)	MIDDLE	QPSK	16.49	16.54	16.51	17.30
	12 (RB_Pos:13)	HIGH	QPSK	16.49	16.48	16.44	17.30
	25 (RB_Pos:0)	LOW	QPSK	16.45	16.53	16.45	17.30

	1 (RB_Pos:0)	LOW	16QAM	16.60	16.23	16.26	17.30
	1 (RB_Pos:13)	MIDDLE	16QAM	16.59	16.31	16.33	17.30
	1 (RB_Pos:24)	HIGH	16QAM	16.46	16.11	16.33	17.30
	12 (RB_Pos:0)	LOW	16QAM	16.37	16.43	16.46	17.30
	12 (RB_Pos:6)	MIDDLE	16QAM	16.52	16.31	16.50	17.30
	12 (RB_Pos:13)	HIGH	16QAM	16.52	16.39	16.31	17.30
	25 (RB_Pos:0)	LOW	16QAM	16.32	16.39	16.45	17.30
	1 (RB_Pos:0)	LOW	64QAM	16.42	15.96	16.24	17.30
	1 (RB_Pos:13)	MIDDLE	64QAM	16.46	16.11	16.04	17.30
	1 (RB_Pos:24)	HIGH	64QAM	16.19	16.10	15.92	17.30
	12 (RB_Pos:0)	LOW	64QAM	16.04	16.38	16.29	17.30
	12 (RB_Pos:6)	MIDDLE	64QAM	16.42	16.10	16.16	17.30
	12 (RB_Pos:13)	HIGH	64QAM	16.06	15.98	16.01	17.30
	25 (RB_Pos:0)	LOW	64QAM	16.12	15.99	16.18	17.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20800	21100	21400	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	16.46	16.52	16.47	17.30
	1 (RB_Pos:25)	MIDDLE	QPSK	16.39	16.45	16.40	17.30
	1 (RB_Pos:49)	HIGH	QPSK	16.49	16.44	16.42	17.30
	25 (RB_Pos:0)	LOW	QPSK	16.47	16.52	16.49	17.30
	25 (RB_Pos:12)	MIDDLE	QPSK	16.53	16.52	16.46	17.30
	25 (RB_Pos:25)	HIGH	QPSK	16.61	16.54	16.47	17.30
	50 (RB_Pos:0)	LOW	QPSK	16.61	16.50	16.47	17.30
	1 (RB_Pos:0)	LOW	16QAM	16.00	16.48	16.12	17.30
	1 (RB_Pos:25)	MIDDLE	16QAM	15.75	16.43	15.97	17.30
	1 (RB_Pos:49)	HIGH	16QAM	16.03	16.57	16.16	17.30
	25 (RB_Pos:0)	LOW	16QAM	16.41	16.49	16.38	17.30
	25 (RB_Pos:12)	MIDDLE	16QAM	16.36	16.62	16.54	17.30
	25 (RB_Pos:25)	HIGH	16QAM	16.26	16.49	16.39	17.30
	50 (RB_Pos:0)	LOW	16QAM	16.30	16.49	16.37	17.30
	1 (RB_Pos:0)	LOW	64QAM	15.58	16.31	15.97	17.30
	1 (RB_Pos:25)	MIDDLE	64QAM	15.52	16.07	15.63	17.30
	1 (RB_Pos:49)	HIGH	64QAM	15.75	16.11	15.62	17.30
	25 (RB_Pos:0)	LOW	64QAM	16.10	16.35	16.24	17.30
	25 (RB_Pos:12)	MIDDLE	64QAM	16.21	16.48	16.48	17.30
	25 (RB_Pos:25)	HIGH	64QAM	15.99	16.22	16.31	17.30
	50 (RB_Pos:0)	LOW	64QAM	16.09	16.28	15.81	17.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20825	21100	21375	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	16.52	16.52	16.54	17.30
	1 (RB_Pos:38)	MIDDLE	QPSK	16.49	16.55	16.50	17.30
	1 (RB_Pos:74)	HIGH	QPSK	16.57	16.46	16.46	17.30
	36 (RB_Pos:0)	LOW	QPSK	16.50	16.49	16.49	17.30

	36 (RB_Pos:20)	MIDDLE	QPSK	16.60	16.52	16.52	17.30
	36 (RB_Pos:39)	HIGH	QPSK	16.59	16.49	16.47	17.30
	75 (RB_Pos:0)	LOW	QPSK	16.54	16.49	16.48	17.30
	1 (RB_Pos:0)	LOW	16QAM	15.83	16.51	16.45	17.30
	1 (RB_Pos:38)	MIDDLE	16QAM	15.90	16.50	16.41	17.30
	1 (RB_Pos:74)	HIGH	16QAM	15.85	16.49	16.49	17.30
	36 (RB_Pos:0)	LOW	16QAM	16.25	16.62	16.48	17.30
	36 (RB_Pos:20)	MIDDLE	16QAM	16.52	16.41	16.31	17.30
	36 (RB_Pos:39)	HIGH	16QAM	16.47	16.52	16.32	17.30
	75 (RB_Pos:0)	LOW	16QAM	16.32	16.55	16.34	17.30
	1 (RB_Pos:0)	LOW	64QAM	15.95	16.21	16.12	17.30
	1 (RB_Pos:38)	MIDDLE	64QAM	15.84	15.98	15.98	17.30
	1 (RB_Pos:74)	HIGH	64QAM	15.92	16.20	16.41	17.30
	36 (RB_Pos:0)	LOW	64QAM	16.31	16.02	16.11	17.30
	36 (RB_Pos:20)	MIDDLE	64QAM	16.38	16.45	16.32	17.30
	36 (RB_Pos:39)	HIGH	64QAM	15.93	16.08	16.20	17.30
	75 (RB_Pos:0)	LOW	64QAM	15.76	15.97	15.91	17.30

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20850	21100	21350	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	16.54	16.60	16.50	17.30
	1 (RB_Pos:50)	MIDDLE	QPSK	16.58	**16.64**	16.54	17.30
	1 (RB_Pos:99)	HIGH	QPSK	16.56	16.55	16.42	17.30
	50 (RB_Pos:0)	LOW	QPSK	16.50	16.56	16.54	17.30
	50 (RB_Pos:25)	MIDDLE	QPSK	16.55	16.59	16.57	17.30
	50 (RB_Pos:50)	HIGH	QPSK	16.52	16.53	16.49	17.30
	100 (RB_Pos:0)	LOW	QPSK	16.56	16.58	16.53	17.30
	1 (RB_Pos:0)	LOW	16QAM	16.57	16.55	16.40	17.30
	1 (RB_Pos:50)	MIDDLE	16QAM	16.51	16.45	16.44	17.30
	1 (RB_Pos:99)	HIGH	16QAM	16.59	16.49	16.54	17.30
	50 (RB_Pos:0)	LOW	16QAM	16.39	16.44	16.37	17.30
	50 (RB_Pos:25)	MIDDLE	16QAM	16.44	16.46	16.31	17.30
	50 (RB_Pos:50)	HIGH	16QAM	16.34	16.42	16.36	17.30
	100 (RB_Pos:0)	LOW	16QAM	16.37	16.37	16.48	17.30
	1 (RB_Pos:0)	LOW	64QAM	16.30	16.26	16.50	17.30
	1 (RB_Pos:50)	MIDDLE	64QAM	16.15	16.52	16.43	17.30
	1 (RB_Pos:99)	HIGH	64QAM	16.21	16.37	16.37	17.30
	50 (RB_Pos:0)	LOW	64QAM	16.00	16.27	16.12	17.30
	50 (RB_Pos:25)	MIDDLE	64QAM	16.28	16.27	16.21	17.30
	50 (RB_Pos:50)	HIGH	64QAM	16.27	16.12	15.97	17.30
	100 (RB_Pos:0)	LOW	64QAM	15.76	15.88	15.79	17.30

8.6.29 Power Reduced Level 2&3 of LTE Band 7

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20775	21100	21425	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	14.44	14.49	14.42	15.30
	1 (RB_Pos:13)	MIDDLE	QPSK	14.51	14.50	14.45	15.30
	1 (RB_Pos:24)	HIGH	QPSK	14.42	14.48	14.42	15.30
	12 (RB_Pos:0)	LOW	QPSK	14.46	14.51	14.43	15.30
	12 (RB_Pos:6)	MIDDLE	QPSK	14.52	14.55	14.49	15.30
	12 (RB_Pos:13)	HIGH	QPSK	14.45	14.49	14.43	15.30
	25 (RB_Pos:0)	LOW	QPSK	14.45	14.45	14.40	15.30
	1 (RB_Pos:0)	LOW	16QAM	14.14	14.48	14.08	15.30
	1 (RB_Pos:13)	MIDDLE	16QAM	14.18	14.57	14.11	15.30
	1 (RB_Pos:24)	HIGH	16QAM	14.14	14.51	14.09	15.30
	12 (RB_Pos:0)	LOW	16QAM	14.09	14.13	14.05	15.30
	12 (RB_Pos:6)	MIDDLE	16QAM	14.06	14.16	14.04	15.30
	12 (RB_Pos:13)	HIGH	16QAM	14.08	14.16	14.02	15.30
	25 (RB_Pos:0)	LOW	16QAM	14.01	14.05	14.03	15.30
	1 (RB_Pos:0)	LOW	64QAM	14.52	14.34	14.17	15.30
	1 (RB_Pos:13)	MIDDLE	64QAM	14.63	14.17	14.19	15.30
	1 (RB_Pos:24)	HIGH	64QAM	14.32	14.09	14.18	15.30
	12 (RB_Pos:0)	LOW	64QAM	14.24	14.63	14.40	15.30
	12 (RB_Pos:6)	MIDDLE	64QAM	14.42	14.20	14.22	15.30
	12 (RB_Pos:13)	HIGH	64QAM	14.44	14.15	14.24	15.30
	25 (RB_Pos:0)	LOW	64QAM	14.56	14.55	14.67	15.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20800	21100	21400	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	14.45	14.44	14.43	15.30
	1 (RB_Pos:25)	MIDDLE	QPSK	14.38	14.41	14.39	15.30
	1 (RB_Pos:49)	HIGH	QPSK	14.55	14.40	14.42	15.30
	25 (RB_Pos:0)	LOW	QPSK	14.49	14.53	14.49	15.30
	25 (RB_Pos:12)	MIDDLE	QPSK	14.49	14.53	14.50	15.30
	25 (RB_Pos:25)	HIGH	QPSK	14.57	14.51	14.44	15.30
	50 (RB_Pos:0)	LOW	QPSK	14.55	14.51	14.44	15.30
	1 (RB_Pos:0)	LOW	16QAM	14.32	14.38	14.44	15.30
	1 (RB_Pos:25)	MIDDLE	16QAM	14.24	14.36	14.38	15.30
	1 (RB_Pos:49)	HIGH	16QAM	14.39	14.37	14.42	15.30
	25 (RB_Pos:0)	LOW	16QAM	14.48	14.50	14.47	15.30
	25 (RB_Pos:12)	MIDDLE	16QAM	14.47	14.51	14.52	15.30
	25 (RB_Pos:25)	HIGH	16QAM	14.55	14.49	14.53	15.30
	50 (RB_Pos:0)	LOW	16QAM	14.52	14.42	14.47	15.30
	1 (RB_Pos:0)	LOW	64QAM	14.34	14.28	14.27	15.30
	1 (RB_Pos:25)	MIDDLE	64QAM	14.15	14.15	14.32	15.30

	1 (RB_Pos:49)	HIGH	64QAM	14.21	14.36	14.28	15.30
	25 (RB_Pos:0)	LOW	64QAM	14.12	14.63	14.35	15.30
	25 (RB_Pos:12)	MIDDLE	64QAM	14.15	14.56	14.45	15.30
	25 (RB_Pos:25)	HIGH	64QAM	14.14	14.35	14.55	15.30
	50 (RB_Pos:0)	LOW	64QAM	14.52	14.72	14.24	15.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20825	21100	21375	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	14.53	14.56	14.52	15.30
	1 (RB_Pos:38)	MIDDLE	QPSK	14.41	14.58	14.51	15.30
	1 (RB_Pos:74)	HIGH	QPSK	14.50	14.50	14.43	15.30
	36 (RB_Pos:0)	LOW	QPSK	14.43	14.52	14.43	15.30
	36 (RB_Pos:20)	MIDDLE	QPSK	14.56	14.51	14.46	15.30
	36 (RB_Pos:39)	HIGH	QPSK	14.54	14.46	14.41	15.30
	75 (RB_Pos:0)	LOW	QPSK	14.48	14.49	14.40	15.30
	1 (RB_Pos:0)	LOW	16QAM	14.60	14.58	14.54	15.30
	1 (RB_Pos:38)	MIDDLE	16QAM	14.55	14.55	14.57	15.30
	1 (RB_Pos:74)	HIGH	16QAM	14.54	14.48	14.46	15.30
	36 (RB_Pos:0)	LOW	16QAM	14.60	14.60	14.54	15.30
	36 (RB_Pos:20)	MIDDLE	16QAM	14.47	14.44	14.47	15.30
	36 (RB_Pos:39)	HIGH	16QAM	14.60	14.54	14.54	15.30
	75 (RB_Pos:0)	LOW	16QAM	14.63	14.60	14.54	15.30
	1 (RB_Pos:0)	LOW	64QAM	14.06	14.37	14.35	15.30
	1 (RB_Pos:38)	MIDDLE	64QAM	14.24	14.25	14.13	15.30
	1 (RB_Pos:74)	HIGH	64QAM	14.11	14.21	14.42	15.30
	36 (RB_Pos:0)	LOW	64QAM	14.45	14.29	14.10	15.30
	36 (RB_Pos:20)	MIDDLE	64QAM	14.45	14.74	14.41	15.30
	36 (RB_Pos:39)	HIGH	64QAM	14.22	14.35	14.32	15.30
	75 (RB_Pos:0)	LOW	64QAM	14.40	14.54	14.48	15.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20850	21100	21350	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	14.53	14.48	14.39	15.30
	1 (RB_Pos:50)	MIDDLE	QPSK	14.51	**14.65**	14.47	15.30
	1 (RB_Pos:99)	HIGH	QPSK	14.53	14.54	14.44	15.30
	50 (RB_Pos:0)	LOW	QPSK	14.47	14.54	14.50	15.30
	50 (RB_Pos:25)	MIDDLE	QPSK	14.56	14.59	14.53	15.30
	50 (RB_Pos:50)	HIGH	QPSK	14.54	14.49	14.48	15.30
	100 (RB_Pos:0)	LOW	QPSK	14.51	14.52	14.44	15.30
	1 (RB_Pos:0)	LOW	16QAM	14.45	14.63	14.36	15.30
	1 (RB_Pos:50)	MIDDLE	16QAM	14.44	14.59	14.32	15.30
	1 (RB_Pos:99)	HIGH	16QAM	14.51	14.62	14.45	15.30
	50 (RB_Pos:0)	LOW	16QAM	14.52	14.57	14.38	15.30
	50 (RB_Pos:25)	MIDDLE	16QAM	14.52	14.51	14.40	15.30
	50 (RB_Pos:50)	HIGH	16QAM	14.49	14.51	14.35	15.30

	100 (RB_Pos:0)	LOW	16QAM	14.42	14.50	14.42	15.30
	1 (RB_Pos:0)	LOW	64QAM	14.53	14.34	14.62	15.30
	1 (RB_Pos:50)	MIDDLE	64QAM	14.39	14.57	14.49	15.30
	1 (RB_Pos:99)	HIGH	64QAM	14.41	14.55	14.38	15.30
	50 (RB_Pos:0)	LOW	64QAM	14.12	14.37	14.22	15.30
	50 (RB_Pos:25)	MIDDLE	64QAM	14.26	14.26	14.43	15.30
	50 (RB_Pos:50)	HIGH	64QAM	14.37	14.13	14.12	15.30
	100 (RB_Pos:0)	LOW	64QAM	14.30	14.44	14.33	15.30

8.6.30 Power Reduced Level 4-Up Antenna of LTE Band 7

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20775	21100	21425	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	21.01	20.96	20.98	22.30
	1 (RB_Pos:13)	MIDDLE	QPSK	20.99	20.98	21.12	22.30
	1 (RB_Pos:24)	HIGH	QPSK	21.03	21.16	21.03	22.30
	12 (RB_Pos:0)	LOW	QPSK	20.15	20.00	19.98	21.30
	12 (RB_Pos:6)	MIDDLE	QPSK	20.11	20.06	19.99	21.30
	12 (RB_Pos:13)	HIGH	QPSK	20.02	20.03	20.02	21.30
	25 (RB_Pos:0)	LOW	QPSK	19.97	20.09	20.15	21.30
	1 (RB_Pos:0)	LOW	16QAM	20.61	20.24	20.17	21.30
	1 (RB_Pos:13)	MIDDLE	16QAM	20.48	20.10	20.37	21.30
	1 (RB_Pos:24)	HIGH	16QAM	20.61	20.17	20.13	21.30
	12 (RB_Pos:0)	LOW	16QAM	19.29	19.26	19.32	20.30
	12 (RB_Pos:6)	MIDDLE	16QAM	19.29	19.28	19.18	20.30
	12 (RB_Pos:13)	HIGH	16QAM	19.24	19.18	19.14	20.30
	25 (RB_Pos:0)	LOW	16QAM	19.28	19.13	19.23	20.30
	1 (RB_Pos:0)	LOW	64QAM	19.65	19.24	19.65	20.30
	1 (RB_Pos:13)	MIDDLE	64QAM	19.73	19.65	19.49	20.30
	1 (RB_Pos:24)	HIGH	64QAM	19.61	19.42	19.37	20.30
	12 (RB_Pos:0)	LOW	64QAM	18.30	18.58	18.47	19.30
	12 (RB_Pos:6)	MIDDLE	64QAM	18.78	18.25	18.50	19.30
	12 (RB_Pos:13)	HIGH	64QAM	18.50	18.30	18.21	19.30
	25 (RB_Pos:0)	LOW	64QAM	18.41	18.21	18.46	19.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20800	21100	21400	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	21.03	21.10	21.16	22.30
	1 (RB_Pos:25)	MIDDLE	QPSK	21.05	20.95	20.98	22.30
	1 (RB_Pos:49)	HIGH	QPSK	21.12	21.03	21.13	22.30
	25 (RB_Pos:0)	LOW	QPSK	20.02	20.17	20.24	21.30
	25 (RB_Pos:12)	MIDDLE	QPSK	20.05	20.09	20.04	21.30
	25 (RB_Pos:25)	HIGH	QPSK	20.01	20.06	20.02	21.30

	50 (RB_Pos:0)	LOW	QPSK	20.11	20.26	20.23	21.30
	1 (RB_Pos:0)	LOW	16QAM	19.96	20.44	20.18	21.30
	1 (RB_Pos:25)	MIDDLE	16QAM	19.77	20.59	20.19	21.30
	1 (RB_Pos:49)	HIGH	16QAM	20.09	20.50	20.04	21.30
	25 (RB_Pos:0)	LOW	16QAM	19.11	19.15	19.16	20.30
	25 (RB_Pos:12)	MIDDLE	16QAM	18.99	19.36	19.29	20.30
	25 (RB_Pos:25)	HIGH	16QAM	19.08	19.30	19.22	20.30
	50 (RB_Pos:0)	LOW	16QAM	19.17	19.17	19.29	20.30
	1 (RB_Pos:0)	LOW	64QAM	18.80	19.74	19.28	20.30
	1 (RB_Pos:25)	MIDDLE	64QAM	18.88	19.66	18.91	20.30
	1 (RB_Pos:49)	HIGH	64QAM	18.96	19.61	19.16	20.30
	25 (RB_Pos:0)	LOW	64QAM	18.31	18.81	18.51	19.30
	25 (RB_Pos:12)	MIDDLE	64QAM	18.39	18.62	18.72	19.30
	25 (RB_Pos:25)	HIGH	64QAM	18.29	18.51	18.59	19.30
	50 (RB_Pos:0)	LOW	64QAM	18.29	18.59	17.96	19.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20825	21100	21375	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	21.04	21.04	21.02	22.30
	1 (RB_Pos:38)	MIDDLE	QPSK	20.93	21.10	21.08	22.30
	1 (RB_Pos:74)	HIGH	QPSK	21.06	21.11	21.10	22.30
	36 (RB_Pos:0)	LOW	QPSK	20.08	20.24	20.22	21.30
	36 (RB_Pos:20)	MIDDLE	QPSK	20.01	20.26	20.28	21.30
	36 (RB_Pos:39)	HIGH	QPSK	20.08	20.07	20.21	21.30
	75 (RB_Pos:0)	LOW	QPSK	20.21	20.07	20.10	21.30
	1 (RB_Pos:0)	LOW	16QAM	20.00	20.63	20.39	21.30
	1 (RB_Pos:38)	MIDDLE	16QAM	19.82	20.66	20.47	21.30
	1 (RB_Pos:74)	HIGH	16QAM	20.03	20.58	20.39	21.30
	36 (RB_Pos:0)	LOW	16QAM	19.16	19.24	19.07	20.30
	36 (RB_Pos:20)	MIDDLE	16QAM	19.19	19.31	19.30	20.30
	36 (RB_Pos:39)	HIGH	16QAM	19.17	19.26	19.13	20.30
	75 (RB_Pos:0)	LOW	16QAM	19.19	19.15	19.10	20.30
	1 (RB_Pos:0)	LOW	64QAM	19.17	19.52	19.68	20.30
	1 (RB_Pos:38)	MIDDLE	64QAM	19.19	19.43	19.29	20.30
	1 (RB_Pos:74)	HIGH	64QAM	19.12	19.73	19.85	20.30
	36 (RB_Pos:0)	LOW	64QAM	18.56	18.27	18.36	19.30
	36 (RB_Pos:20)	MIDDLE	64QAM	18.59	18.70	18.45	19.30
	36 (RB_Pos:39)	HIGH	64QAM	18.26	18.31	18.47	19.30
	75 (RB_Pos:0)	LOW	64QAM	18.13	18.16	18.37	19.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20850	21100	21350	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	21.05	20.99	21.06	22.30
	1 (RB_Pos:50)	MIDDLE	QPSK	21.08	**21.23**	21.01	22.30
	1 (RB_Pos:99)	HIGH	QPSK	20.97	21.03	21.05	22.30

	50 (RB_Pos:0)	LOW	QPSK	20.16	20.11	20.10	21.30
	50 (RB_Pos:25)	MIDDLE	QPSK	20.18	20.22	20.11	21.30
	50 (RB_Pos:50)	HIGH	QPSK	20.06	20.21	20.09	21.30
	100 (RB_Pos:0)	LOW	QPSK	20.14	20.21	20.06	21.30
	1 (RB_Pos:0)	LOW	16QAM	20.46	20.53	20.47	21.30
	1 (RB_Pos:50)	MIDDLE	16QAM	20.53	20.51	20.43	21.30
	1 (RB_Pos:99)	HIGH	16QAM	20.52	20.40	20.54	21.30
	50 (RB_Pos:0)	LOW	16QAM	19.20	19.16	19.10	20.30
	50 (RB_Pos:25)	MIDDLE	16QAM	19.11	19.27	19.19	20.30
	50 (RB_Pos:50)	HIGH	16QAM	19.14	19.35	19.21	20.30
	100 (RB_Pos:0)	LOW	16QAM	19.08	19.26	19.18	20.30
	1 (RB_Pos:0)	LOW	64QAM	19.86	19.50	19.79	20.30
	1 (RB_Pos:50)	MIDDLE	64QAM	19.53	19.95	19.74	20.30
	1 (RB_Pos:99)	HIGH	64QAM	19.69	19.75	19.59	20.30
	50 (RB_Pos:0)	LOW	64QAM	18.45	18.61	18.36	19.30
	50 (RB_Pos:25)	MIDDLE	64QAM	18.48	18.59	18.53	19.30
	50 (RB_Pos:50)	HIGH	64QAM	18.48	18.37	18.16	19.30
	100 (RB_Pos:0)	LOW	64QAM	18.13	18.15	17.93	19.30

8.6.31 Power Reduced Level 5&6-Up Antenna of LTE Band 7

FDD LTE Band 7							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20775	21100	21425	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	19.23	19.26	19.02	20.30
	1 (RB_Pos:13)	MIDDLE	QPSK	19.16	19.27	19.13	20.30
	1 (RB_Pos:24)	HIGH	QPSK	19.28	19.21	19.10	20.30
	12 (RB_Pos:0)	LOW	QPSK	18.61	18.46	18.57	20.30
	12 (RB_Pos:6)	MIDDLE	QPSK	18.58	18.56	18.63	20.30
	12 (RB_Pos:13)	HIGH	QPSK	18.53	18.58	18.64	20.30
	25 (RB_Pos:0)	LOW	QPSK	18.56	18.56	18.54	20.30
	1 (RB_Pos:0)	LOW	16QAM	18.78	18.32	18.40	20.30
	1 (RB_Pos:13)	MIDDLE	16QAM	18.76	18.53	18.56	20.30
	1 (RB_Pos:24)	HIGH	16QAM	18.64	18.51	18.42	20.30
	12 (RB_Pos:0)	LOW	16QAM	18.34	18.43	18.20	20.30
	12 (RB_Pos:6)	MIDDLE	16QAM	18.70	18.38	18.28	20.30
	12 (RB_Pos:13)	HIGH	16QAM	18.34	18.35	18.39	20.30
	25 (RB_Pos:0)	LOW	16QAM	18.41	18.37	18.36	20.30
	1 (RB_Pos:0)	LOW	64QAM	18.43	18.37	18.37	20.30
	1 (RB_Pos:13)	MIDDLE	64QAM	18.61	18.36	18.32	20.30
	1 (RB_Pos:24)	HIGH	64QAM	18.34	18.33	18.31	20.30
	12 (RB_Pos:0)	LOW	64QAM	18.36	18.31	18.36	20.30
	12 (RB_Pos:6)	MIDDLE	64QAM	18.41	18.47	18.37	20.30
	12 (RB_Pos:13)	HIGH	64QAM	18.33	18.41	18.41	20.30

	25 (RB_Pos:0)	LOW	64QAM	18.34	18.35	18.34	20.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20800	21100	21400	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	19.29	19.14	19.29	20.30
	1 (RB_Pos:25)	MIDDLE	QPSK	18.98	19.30	19.15	20.30
	1 (RB_Pos:49)	HIGH	QPSK	19.21	19.31	19.15	20.30
	25 (RB_Pos:0)	LOW	QPSK	18.47	18.68	18.74	20.30
	25 (RB_Pos:12)	MIDDLE	QPSK	18.57	18.64	18.60	20.30
	25 (RB_Pos:25)	HIGH	QPSK	18.62	18.74	18.62	20.30
	50 (RB_Pos:0)	LOW	QPSK	18.57	18.52	18.51	20.30
	1 (RB_Pos:0)	LOW	16QAM	18.34	18.49	18.33	20.30
	1 (RB_Pos:25)	MIDDLE	16QAM	18.36	18.44	18.47	20.30
	1 (RB_Pos:49)	HIGH	16QAM	18.54	18.57	18.42	20.30
	25 (RB_Pos:0)	LOW	16QAM	18.41	18.39	18.37	20.30
	25 (RB_Pos:12)	MIDDLE	16QAM	18.39	18.52	18.46	20.30
	25 (RB_Pos:25)	HIGH	16QAM	18.47	18.49	18.34	20.30
	50 (RB_Pos:0)	LOW	16QAM	18.32	18.41	18.39	20.30
	1 (RB_Pos:0)	LOW	64QAM	18.31	18.40	18.57	20.30
	1 (RB_Pos:25)	MIDDLE	64QAM	18.32	18.30	18.37	20.30
	1 (RB_Pos:49)	HIGH	64QAM	18.42	18.43	18.36	20.30
	25 (RB_Pos:0)	LOW	64QAM	18.44	18.41	18.67	20.30
	25 (RB_Pos:12)	MIDDLE	64QAM	18.45	18.74	18.69	20.30
	25 (RB_Pos:25)	HIGH	64QAM	18.59	18.65	18.64	20.30
	50 (RB_Pos:0)	LOW	64QAM	18.54	18.70	18.31	20.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20825	21100	21375	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	19.03	19.18	19.03	20.30
	1 (RB_Pos:38)	MIDDLE	QPSK	19.16	19.23	19.29	20.30
	1 (RB_Pos:74)	HIGH	QPSK	19.11	19.14	19.15	20.30
	36 (RB_Pos:0)	LOW	QPSK	18.64	18.64	18.60	20.30
	36 (RB_Pos:20)	MIDDLE	QPSK	18.54	18.74	18.71	20.30
	36 (RB_Pos:39)	HIGH	QPSK	18.57	18.74	18.72	20.30
	75 (RB_Pos:0)	LOW	QPSK	18.56	18.52	18.58	20.30
	1 (RB_Pos:0)	LOW	16QAM	18.34	18.58	18.75	20.30
	1 (RB_Pos:38)	MIDDLE	16QAM	18.39	18.81	18.63	20.30
	1 (RB_Pos:74)	HIGH	16QAM	18.31	18.71	18.50	20.30
	36 (RB_Pos:0)	LOW	16QAM	18.37	18.11	18.31	20.30
	36 (RB_Pos:20)	MIDDLE	16QAM	18.34	18.32	18.43	20.30
	36 (RB_Pos:39)	HIGH	16QAM	18.47	18.32	18.45	20.30
	75 (RB_Pos:0)	LOW	16QAM	18.42	18.33	18.45	20.30
	1 (RB_Pos:0)	LOW	64QAM	18.33	18.35	18.38	20.30
	1 (RB_Pos:38)	MIDDLE	64QAM	18.36	18.32	18.36	20.30
	1 (RB_Pos:74)	HIGH	64QAM	18.42	18.32	18.59	20.30

	36 (RB_Pos:0)	LOW	64QAM	18.64	18.41	18.39	20.30
	36 (RB_Pos:20)	MIDDLE	64QAM	18.62	18.50	18.54	20.30
	36 (RB_Pos:39)	HIGH	64QAM	18.33	18.47	18.46	20.30
	75 (RB_Pos:0)	LOW	64QAM	18.47	18.35	18.45	20.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			20850	21100	21350	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	19.24	19.07	19.12	20.30
	1 (RB_Pos:50)	MIDDLE	QPSK	19.17	**19.33**	19.17	20.30
	1 (RB_Pos:99)	HIGH	QPSK	19.19	19.28	19.08	20.30
	50 (RB_Pos:0)	LOW	QPSK	18.55	18.56	18.59	20.30
	50 (RB_Pos:25)	MIDDLE	QPSK	18.70	18.75	18.72	20.30
	50 (RB_Pos:50)	HIGH	QPSK	18.64	18.55	18.69	20.30
	100 (RB_Pos:0)	LOW	QPSK	18.56	18.62	18.59	20.30
	1 (RB_Pos:0)	LOW	16QAM	18.58	18.70	18.63	20.30
	1 (RB_Pos:50)	MIDDLE	16QAM	18.69	18.81	18.51	20.30
	1 (RB_Pos:99)	HIGH	16QAM	18.55	18.64	18.51	20.30
	50 (RB_Pos:0)	LOW	16QAM	18.54	18.51	18.40	20.30
	50 (RB_Pos:25)	MIDDLE	16QAM	18.57	18.58	18.53	20.30
	50 (RB_Pos:50)	HIGH	16QAM	18.66	18.48	18.52	20.30
	100 (RB_Pos:0)	LOW	16QAM	18.56	18.45	18.53	20.30
	1 (RB_Pos:0)	LOW	64QAM	18.53	18.41	18.60	20.30
	1 (RB_Pos:50)	MIDDLE	64QAM	18.39	18.59	18.49	20.30
	1 (RB_Pos:99)	HIGH	64QAM	18.32	18.58	18.38	20.30
	50 (RB_Pos:0)	LOW	64QAM	18.43	18.52	18.59	20.30
	50 (RB_Pos:25)	MIDDLE	64QAM	18.48	18.58	18.63	20.30
	50 (RB_Pos:50)	HIGH	64QAM	18.56	18.34	18.31	20.30
	100 (RB_Pos:0)	LOW	64QAM	18.35	18.47	18.44	20.30

8.6.32 Power Reduced Level 5&6 of LTE Band 26

FDD LTE Band 26							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26697	26865	27033	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	20.84	20.91	20.85	22.50
	1 (RB_Pos:3)	MIDDLE	QPSK	20.83	20.86	20.77	22.50
	1 (RB_Pos:5)	HIGH	QPSK	20.83	20.86	20.76	22.50
	3 (RB_Pos:0)	LOW	QPSK	20.73	20.78	20.78	21.50
	3 (RB_Pos:1)	MIDDLE	QPSK	20.86	20.80	20.81	21.50
	3 (RB_Pos:3)	HIGH	QPSK	20.69	20.88	20.53	21.50
	6 (RB_Pos:0)	LOW	QPSK	19.90	19.72	19.79	21.50
	1 (RB_Pos:0)	LOW	16QAM	19.97	19.66	19.71	21.50
	1 (RB_Pos:3)	MIDDLE	16QAM	20.13	19.73	19.76	21.50
	1 (RB_Pos:5)	HIGH	16QAM	20.06	19.58	19.57	21.50

	3 (RB_Pos:0)	LOW	16QAM	20.05	20.20	19.92	20.50
	3 (RB_Pos:1)	MIDDLE	16QAM	20.13	20.17	20.01	20.50
	3 (RB_Pos:3)	HIGH	16QAM	20.03	20.10	19.74	20.50
	6 (RB_Pos:0)	LOW	16QAM	18.87	19.16	18.98	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.64	19.17	19.21	20.50
	1 (RB_Pos:3)	MIDDLE	64QAM	19.76	19.31	19.06	20.50
	1 (RB_Pos:5)	HIGH	64QAM	19.51	19.15	19.20	20.50
	3 (RB_Pos:0)	LOW	64QAM	19.12	19.44	19.09	19.50
	3 (RB_Pos:1)	MIDDLE	64QAM	19.30	19.21	18.99	19.50
	3 (RB_Pos:3)	HIGH	64QAM	19.04	19.45	18.72	19.50
	6 (RB_Pos:0)	LOW	64QAM	17.74	18.46	18.27	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26705	26865	27025	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	20.95	20.75	20.90	22.50
	1 (RB_Pos:8)	MIDDLE	QPSK	20.70	20.93	20.85	22.50
	1 (RB_Pos:14)	HIGH	QPSK	20.72	20.77	20.97	22.50
	8 (RB_Pos:0)	LOW	QPSK	19.97	19.89	19.90	21.50
	8 (RB_Pos:3)	MIDDLE	QPSK	19.96	19.96	19.84	21.50
	8 (RB_Pos:7)	HIGH	QPSK	19.92	19.94	19.79	21.50
	15 (RB_Pos:0)	LOW	QPSK	19.95	19.90	19.94	21.50
	1 (RB_Pos:0)	LOW	16QAM	19.55	20.05	19.70	21.50
	1 (RB_Pos:8)	MIDDLE	16QAM	19.54	20.12	19.65	21.50
	1 (RB_Pos:14)	HIGH	16QAM	19.59	20.01	19.58	21.50
	8 (RB_Pos:0)	LOW	16QAM	19.19	19.09	18.97	20.50
	8 (RB_Pos:3)	MIDDLE	16QAM	19.18	19.14	19.15	20.50
	8 (RB_Pos:7)	HIGH	16QAM	18.99	19.09	19.09	20.50
	15 (RB_Pos:0)	LOW	16QAM	18.94	19.08	19.06	20.50
	1 (RB_Pos:0)	LOW	64QAM	18.99	19.59	19.21	20.50
	1 (RB_Pos:8)	MIDDLE	64QAM	19.48	19.72	19.35	20.50
	1 (RB_Pos:14)	HIGH	64QAM	18.95	19.79	19.32	20.50
	8 (RB_Pos:0)	LOW	64QAM	18.38	18.46	18.56	19.50
	8 (RB_Pos:3)	MIDDLE	64QAM	18.77	18.48	18.87	19.50
	8 (RB_Pos:7)	HIGH	64QAM	18.58	18.36	18.33	19.50
	15 (RB_Pos:0)	LOW	64QAM	18.45	19.00	18.69	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26715	26865	27015	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	20.82	20.91	20.88	22.50
	1 (RB_Pos:13)	MIDDLE	QPSK	20.94	20.99	20.87	22.50
	1 (RB_Pos:24)	HIGH	QPSK	20.90	20.92	21.08	22.50
	12 (RB_Pos:0)	LOW	QPSK	19.78	19.86	19.89	21.50
	12 (RB_Pos:6)	MIDDLE	QPSK	19.91	19.87	20.08	21.50
	12 (RB_Pos:13)	HIGH	QPSK	19.84	19.95	20.06	21.50
	25 (RB_Pos:0)	LOW	QPSK	19.82	19.80	19.83	21.50

	1 (RB_Pos:0)	LOW	16QAM	19.73	20.35	19.67	21.50
	1 (RB_Pos:13)	MIDDLE	16QAM	19.92	20.41	19.89	21.50
	1 (RB_Pos:24)	HIGH	16QAM	19.81	20.28	19.74	21.50
	12 (RB_Pos:0)	LOW	16QAM	19.10	19.21	19.03	20.50
	12 (RB_Pos:6)	MIDDLE	16QAM	18.98	19.23	19.06	20.50
	12 (RB_Pos:13)	HIGH	16QAM	19.15	19.30	19.23	20.50
	25 (RB_Pos:0)	LOW	16QAM	19.12	19.12	19.01	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.37	19.67	19.28	20.50
	1 (RB_Pos:13)	MIDDLE	64QAM	19.52	20.16	19.52	20.50
	1 (RB_Pos:24)	HIGH	64QAM	19.54	19.90	19.40	20.50
	12 (RB_Pos:0)	LOW	64QAM	18.63	18.54	18.71	19.50
	12 (RB_Pos:6)	MIDDLE	64QAM	18.43	18.56	18.62	19.50
	12 (RB_Pos:13)	HIGH	64QAM	18.86	18.38	18.42	19.50
	25 (RB_Pos:0)	LOW	64QAM	18.85	19.04	18.51	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26740	26865	26990	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	20.80	20.76	20.92	22.50
	1 (RB_Pos:25)	MIDDLE	QPSK	20.92	20.96	20.85	22.50
	1 (RB_Pos:49)	HIGH	QPSK	20.81	20.75	20.94	22.50
	25 (RB_Pos:0)	LOW	QPSK	19.96	19.97	19.74	21.50
	25 (RB_Pos:12)	MIDDLE	QPSK	20.08	20.03	19.97	21.50
	25 (RB_Pos:25)	HIGH	QPSK	19.99	20.06	20.00	21.50
	50 (RB_Pos:0)	LOW	QPSK	19.93	19.85	19.79	21.50
	1 (RB_Pos:0)	LOW	16QAM	19.68	20.08	19.64	21.50
	1 (RB_Pos:25)	MIDDLE	16QAM	19.69	19.97	19.72	21.50
	1 (RB_Pos:49)	HIGH	16QAM	19.67	20.03	19.71	21.50
	25 (RB_Pos:0)	LOW	16QAM	19.08	19.16	19.05	20.50
	25 (RB_Pos:12)	MIDDLE	16QAM	19.22	19.07	19.27	20.50
	25 (RB_Pos:25)	HIGH	16QAM	19.06	19.20	19.04	20.50
	50 (RB_Pos:0)	LOW	16QAM	19.12	19.15	19.07	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.33	19.65	18.99	20.50
	1 (RB_Pos:25)	MIDDLE	64QAM	19.40	19.78	19.32	20.50
	1 (RB_Pos:49)	HIGH	64QAM	19.22	19.72	19.30	20.50
	25 (RB_Pos:0)	LOW	64QAM	18.69	18.73	18.44	19.50
	25 (RB_Pos:12)	MIDDLE	64QAM	18.88	18.54	18.95	19.50
	25 (RB_Pos:25)	HIGH	64QAM	18.60	18.80	18.64	19.50
	50 (RB_Pos:0)	LOW	64QAM	19.01	18.68	18.78	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			26765	26865	26965	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	20.87	21.09	20.94	22.50
	1 (RB_Pos:38)	MIDDLE	QPSK	21.02	**21.15**	20.99	22.50
	1 (RB_Pos:74)	HIGH	QPSK	20.95	21.01	21.13	22.50
	36 (RB_Pos:0)	LOW	QPSK	20.00	20.08	19.98	21.50

	36 (RB_Pos:20)	MIDDLE	QPSK	20.02	20.17	20.07	21.50
	36 (RB_Pos:39)	HIGH	QPSK	20.03	19.95	20.04	21.50
	75 (RB_Pos:0)	LOW	QPSK	20.07	20.17	20.00	21.50
	1 (RB_Pos:0)	LOW	16QAM	19.65	20.01	20.02	21.50
	1 (RB_Pos:38)	MIDDLE	16QAM	19.57	20.06	19.93	21.50
	1 (RB_Pos:74)	HIGH	16QAM	19.73	19.99	20.02	21.50
	36 (RB_Pos:0)	LOW	16QAM	19.04	19.18	19.06	20.50
	36 (RB_Pos:20)	MIDDLE	16QAM	19.13	19.10	18.95	20.50
	36 (RB_Pos:39)	HIGH	16QAM	19.30	19.22	19.01	20.50
	75 (RB_Pos:0)	LOW	16QAM	19.20	19.07	18.99	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.34	19.49	19.65	20.50
	1 (RB_Pos:38)	MIDDLE	64QAM	19.41	19.73	19.38	20.50
	1 (RB_Pos:74)	HIGH	64QAM	19.26	19.36	19.52	20.50
	36 (RB_Pos:0)	LOW	64QAM	18.70	18.63	18.68	19.50
	36 (RB_Pos:20)	MIDDLE	64QAM	18.81	18.83	18.64	19.50
	36 (RB_Pos:39)	HIGH	64QAM	18.72	18.47	18.79	19.50
	75 (RB_Pos:0)	LOW	64QAM	18.76	18.84	18.62	19.50

8.6.33 Power Reduced Level 1 of LTE Band 66

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	15.29	15.51	15.26	16.50
	1 (RB_Pos:3)	MIDDLE	QPSK	15.40	15.47	15.40	16.50
	1 (RB_Pos:5)	HIGH	QPSK	15.42	15.51	15.35	16.50
	3 (RB_Pos:0)	LOW	QPSK	15.26	15.44	15.24	16.50
	3 (RB_Pos:1)	MIDDLE	QPSK	15.32	15.48	15.34	16.50
	3 (RB_Pos:3)	HIGH	QPSK	15.28	15.41	15.14	16.50
	6 (RB_Pos:0)	LOW	QPSK	14.33	14.64	14.30	16.50
	1 (RB_Pos:0)	LOW	16QAM	14.74	15.13	14.65	16.50
	1 (RB_Pos:3)	MIDDLE	16QAM	14.98	15.24	14.74	16.50
	1 (RB_Pos:5)	HIGH	16QAM	14.77	15.22	14.62	16.50
	3 (RB_Pos:0)	LOW	16QAM	15.68	15.80	15.73	16.50
	3 (RB_Pos:1)	MIDDLE	16QAM	15.83	15.67	15.71	16.50
	3 (RB_Pos:3)	HIGH	16QAM	15.72	15.66	15.61	16.50
	6 (RB_Pos:0)	LOW	16QAM	14.72	14.74	14.79	16.50
	1 (RB_Pos:0)	LOW	64QAM	14.72	15.31	14.77	16.50
	1 (RB_Pos:3)	MIDDLE	64QAM	15.04	15.45	14.91	16.50
	1 (RB_Pos:5)	HIGH	64QAM	15.19	15.11	14.91	16.50
	3 (RB_Pos:0)	LOW	64QAM	15.34	15.58	15.58	16.50
	3 (RB_Pos:1)	MIDDLE	64QAM	15.68	15.74	15.63	16.50
	3 (RB_Pos:3)	HIGH	64QAM	15.11	15.34	15.23	16.50
	6 (RB_Pos:0)	LOW	64QAM	14.30	14.39	14.34	16.50

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	15.39	15.43	15.44	16.50
	1 (RB_Pos:8)	MIDDLE	QPSK	15.31	15.61	15.36	16.50
	1 (RB_Pos:14)	HIGH	QPSK	15.15	15.45	15.25	16.50
	8 (RB_Pos:0)	LOW	QPSK	14.32	14.66	14.28	16.50
	8 (RB_Pos:3)	MIDDLE	QPSK	14.48	14.64	14.45	16.50
	8 (RB_Pos:7)	HIGH	QPSK	14.48	14.65	14.44	16.50
	15 (RB_Pos:0)	LOW	QPSK	14.39	14.40	14.28	16.50
	1 (RB_Pos:0)	LOW	16QAM	14.54	15.19	14.69	16.50
	1 (RB_Pos:8)	MIDDLE	16QAM	14.53	15.28	14.88	16.50
	1 (RB_Pos:14)	HIGH	16QAM	14.52	15.23	14.75	16.50
	8 (RB_Pos:0)	LOW	16QAM	14.78	15.07	14.83	16.50
	8 (RB_Pos:3)	MIDDLE	16QAM	14.78	14.91	14.71	16.50
	8 (RB_Pos:7)	HIGH	16QAM	14.65	15.07	14.84	16.50
	15 (RB_Pos:0)	LOW	16QAM	14.73	14.91	14.57	16.50
	1 (RB_Pos:0)	LOW	64QAM	14.95	15.48	14.57	16.50
	1 (RB_Pos:8)	MIDDLE	64QAM	14.77	15.73	14.92	16.50
	1 (RB_Pos:14)	HIGH	64QAM	14.81	15.12	14.62	16.50
	8 (RB_Pos:0)	LOW	64QAM	14.38	14.65	14.55	16.50
	8 (RB_Pos:3)	MIDDLE	64QAM	14.49	14.72	14.62	16.50
	8 (RB_Pos:7)	HIGH	64QAM	14.30	14.71	14.16	16.50
	15 (RB_Pos:0)	LOW	64QAM	14.01	14.38	14.06	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	15.29	15.37	15.33	16.50
	1 (RB_Pos:13)	MIDDLE	QPSK	15.42	15.69	15.53	16.50
	1 (RB_Pos:24)	HIGH	QPSK	15.23	15.47	15.25	16.50
	12 (RB_Pos:0)	LOW	QPSK	14.37	14.45	14.35	16.50
	12 (RB_Pos:6)	MIDDLE	QPSK	14.23	14.60	14.37	16.50
	12 (RB_Pos:13)	HIGH	QPSK	14.24	14.48	14.35	16.50
	25 (RB_Pos:0)	LOW	QPSK	14.26	14.38	14.30	16.50
	1 (RB_Pos:0)	LOW	16QAM	14.65	15.38	14.80	16.50
	1 (RB_Pos:13)	MIDDLE	16QAM	15.05	15.51	14.83	16.50
	1 (RB_Pos:24)	HIGH	16QAM	14.71	15.21	14.82	16.50
	12 (RB_Pos:0)	LOW	16QAM	14.72	14.94	14.81	16.50
	12 (RB_Pos:6)	MIDDLE	16QAM	14.74	15.10	14.72	16.50
	12 (RB_Pos:13)	HIGH	16QAM	14.56	14.88	14.71	16.50
	25 (RB_Pos:0)	LOW	16QAM	14.58	14.83	14.50	16.50
	1 (RB_Pos:0)	LOW	64QAM	14.92	15.35	14.77	16.50
	1 (RB_Pos:13)	MIDDLE	64QAM	15.28	15.81	15.02	16.50
	1 (RB_Pos:24)	HIGH	64QAM	15.16	15.66	14.72	16.50
	12 (RB_Pos:0)	LOW	64QAM	14.64	14.76	14.26	16.50

	12 (RB_Pos:6)	MIDDLE	64QAM	14.27	14.84	14.49	16.50
	12 (RB_Pos:13)	HIGH	64QAM	14.33	14.73	14.27	16.50
	25 (RB_Pos:0)	LOW	64QAM	14.18	14.64	14.01	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	15.26	15.53	15.38	16.50
	1 (RB_Pos:25)	MIDDLE	QPSK	15.42	15.69	15.56	16.50
	1 (RB_Pos:49)	HIGH	QPSK	15.30	15.39	15.33	16.50
	25 (RB_Pos:0)	LOW	QPSK	14.28	14.43	14.35	16.50
	25 (RB_Pos:12)	MIDDLE	QPSK	14.12	14.36	14.38	16.50
	25 (RB_Pos:25)	HIGH	QPSK	14.30	14.52	14.19	16.50
	50 (RB_Pos:0)	LOW	QPSK	14.31	14.53	14.41	16.50
	1 (RB_Pos:0)	LOW	16QAM	14.56	15.20	14.87	16.50
	1 (RB_Pos:25)	MIDDLE	16QAM	14.70	15.28	14.69	16.50
	1 (RB_Pos:49)	HIGH	16QAM	14.65	15.27	14.60	16.50
	25 (RB_Pos:0)	LOW	16QAM	14.70	14.97	14.91	16.50
	25 (RB_Pos:12)	MIDDLE	16QAM	14.56	15.01	14.78	16.50
	25 (RB_Pos:25)	HIGH	16QAM	14.51	14.80	14.82	16.50
	50 (RB_Pos:0)	LOW	16QAM	14.71	14.99	14.67	16.50
	1 (RB_Pos:0)	LOW	64QAM	14.68	15.46	14.95	16.50
	1 (RB_Pos:25)	MIDDLE	64QAM	14.87	15.55	14.78	16.50
	1 (RB_Pos:49)	HIGH	64QAM	14.84	15.32	14.89	16.50
	25 (RB_Pos:0)	LOW	64QAM	14.30	14.73	14.45	16.50
	25 (RB_Pos:12)	MIDDLE	64QAM	14.13	14.41	14.57	16.50
	25 (RB_Pos:25)	HIGH	64QAM	14.41	14.41	14.67	16.50
	50 (RB_Pos:0)	LOW	64QAM	13.95	14.61	14.47	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	15.60	15.69	15.59	16.50
	1 (RB_Pos:38)	MIDDLE	QPSK	15.34	15.61	15.56	16.50
	1 (RB_Pos:74)	HIGH	QPSK	15.60	15.66	15.60	16.50
	36 (RB_Pos:0)	LOW	QPSK	14.35	14.54	14.38	16.50
	36 (RB_Pos:20)	MIDDLE	QPSK	14.55	14.54	14.47	16.50
	36 (RB_Pos:39)	HIGH	QPSK	14.30	14.66	14.49	16.50
	75 (RB_Pos:0)	LOW	QPSK	14.37	14.50	14.23	16.50
	1 (RB_Pos:0)	LOW	16QAM	14.73	15.53	15.30	16.50
	1 (RB_Pos:38)	MIDDLE	16QAM	14.89	15.51	15.28	16.50
	1 (RB_Pos:74)	HIGH	16QAM	14.91	15.38	15.29	16.50
	36 (RB_Pos:0)	LOW	16QAM	14.81	14.92	14.71	16.50
	36 (RB_Pos:20)	MIDDLE	16QAM	14.85	15.04	14.70	16.50
	36 (RB_Pos:39)	HIGH	16QAM	14.76	15.15	14.80	16.50
	75 (RB_Pos:0)	LOW	16QAM	14.70	14.90	14.61	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.13	15.58	15.42	16.50

	1 (RB_Pos:38)	MIDDLE	64QAM	14.97	15.78	15.54	16.50
	1 (RB_Pos:74)	HIGH	64QAM	15.26	15.61	15.16	16.50
	36 (RB_Pos:0)	LOW	64QAM	14.37	14.81	14.38	16.50
	36 (RB_Pos:20)	MIDDLE	64QAM	14.55	14.67	14.51	16.50
	36 (RB_Pos:39)	HIGH	64QAM	14.26	14.80	14.36	16.50
	75 (RB_Pos:0)	LOW	64QAM	14.02	14.70	14.19	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	15.48	15.72	15.41	16.50
	1 (RB_Pos:50)	MIDDLE	QPSK	15.41	15.64	15.42	16.50
	1 (RB_Pos:99)	HIGH	QPSK	15.61	**15.89**	15.48	16.50
	50 (RB_Pos:0)	LOW	QPSK	15.09	15.34	15.29	16.50
	50 (RB_Pos:25)	MIDDLE	QPSK	15.35	15.25	15.40	16.50
	50 (RB_Pos:50)	HIGH	QPSK	15.40	15.46	15.42	16.50
	100 (RB_Pos:0)	LOW	QPSK	15.36	15.43	15.28	16.50
	1 (RB_Pos:0)	LOW	16QAM	15.16	15.27	15.13	16.50
	1 (RB_Pos:50)	MIDDLE	16QAM	15.30	15.35	15.19	16.50
	1 (RB_Pos:99)	HIGH	16QAM	15.38	15.50	15.06	16.50
	50 (RB_Pos:0)	LOW	16QAM	15.23	15.37	15.33	16.50
	50 (RB_Pos:25)	MIDDLE	16QAM	15.23	15.43	15.17	16.50
	50 (RB_Pos:50)	HIGH	16QAM	15.32	15.38	15.21	16.50
	100 (RB_Pos:0)	LOW	16QAM	15.16	15.38	15.14	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.76	15.88	15.58	16.50
	1 (RB_Pos:50)	MIDDLE	64QAM	15.37	15.69	15.19	16.50
	1 (RB_Pos:99)	HIGH	64QAM	15.54	15.74	15.35	16.50
	50 (RB_Pos:0)	LOW	64QAM	15.18	15.20	15.50	16.50
	50 (RB_Pos:25)	MIDDLE	64QAM	15.24	15.44	15.15	16.50
	50 (RB_Pos:50)	HIGH	64QAM	15.25	15.55	15.24	16.50
	100 (RB_Pos:0)	LOW	64QAM	15.13	15.53	15.32	16.50

8.6.34 Power Reduced Level 2&3 of LTE Band 66

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	13.27	13.58	13.24	14.50
	1 (RB_Pos:3)	MIDDLE	QPSK	13.37	13.56	13.47	14.50
	1 (RB_Pos:5)	HIGH	QPSK	13.21	13.42	13.34	14.50
	3 (RB_Pos:0)	LOW	QPSK	13.37	13.42	13.24	14.50
	3 (RB_Pos:1)	MIDDLE	QPSK	13.38	13.48	13.21	14.50
	3 (RB_Pos:3)	HIGH	QPSK	13.35	13.42	13.21	14.50
	6 (RB_Pos:0)	LOW	QPSK	13.24	13.27	13.34	14.50
	1 (RB_Pos:0)	LOW	16QAM	13.07	13.31	12.85	14.50

	1 (RB_Pos:3)	MIDDLE	16QAM	13.17	13.48	12.96	14.50
	1 (RB_Pos:5)	HIGH	16QAM	13.11	13.21	12.91	14.50
	3 (RB_Pos:0)	LOW	16QAM	13.07	13.07	12.92	14.50
	3 (RB_Pos:1)	MIDDLE	16QAM	13.16	13.21	13.13	14.50
	3 (RB_Pos:3)	HIGH	16QAM	13.02	13.26	13.06	14.50
	6 (RB_Pos:0)	LOW	16QAM	13.42	13.42	13.45	14.50
	1 (RB_Pos:0)	LOW	64QAM	12.50	13.10	12.54	14.50
	1 (RB_Pos:3)	MIDDLE	64QAM	12.81	13.27	12.64	14.50
	1 (RB_Pos:5)	HIGH	64QAM	12.79	12.91	12.65	14.50
	3 (RB_Pos:0)	LOW	64QAM	13.38	13.65	13.56	14.50
	3 (RB_Pos:1)	MIDDLE	64QAM	13.59	13.29	13.51	14.50
	3 (RB_Pos:3)	HIGH	64QAM	13.12	13.33	13.12	14.50
	6 (RB_Pos:0)	LOW	64QAM	13.22	13.39	13.51	14.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	13.41	13.39	13.37	14.50
	1 (RB_Pos:8)	MIDDLE	QPSK	13.41	13.65	13.36	14.50
	1 (RB_Pos:14)	HIGH	QPSK	13.25	13.36	13.19	14.50
	8 (RB_Pos:0)	LOW	QPSK	13.02	13.09	12.98	14.50
	8 (RB_Pos:3)	MIDDLE	QPSK	12.95	13.16	13.10	14.50
	8 (RB_Pos:7)	HIGH	QPSK	13.07	13.22	12.84	14.50
	15 (RB_Pos:0)	LOW	QPSK	12.88	13.18	12.90	14.50
	1 (RB_Pos:0)	LOW	16QAM	12.68	13.42	12.90	14.50
	1 (RB_Pos:8)	MIDDLE	16QAM	12.69	13.36	12.93	14.50
	1 (RB_Pos:14)	HIGH	16QAM	12.62	13.27	12.75	14.50
	8 (RB_Pos:0)	LOW	16QAM	13.51	13.71	13.41	14.50
	8 (RB_Pos:3)	MIDDLE	16QAM	13.49	13.57	13.40	14.50
	8 (RB_Pos:7)	HIGH	16QAM	13.47	13.62	13.42	14.50
	15 (RB_Pos:0)	LOW	16QAM	13.47	13.59	13.42	14.50
	1 (RB_Pos:0)	LOW	64QAM	12.79	13.13	12.40	14.50
	1 (RB_Pos:8)	MIDDLE	64QAM	12.41	13.28	12.77	14.50
	1 (RB_Pos:14)	HIGH	64QAM	12.60	12.93	12.37	14.50
	8 (RB_Pos:0)	LOW	64QAM	13.39	13.48	13.44	14.50
	8 (RB_Pos:3)	MIDDLE	64QAM	13.32	13.70	13.40	14.50
	8 (RB_Pos:7)	HIGH	64QAM	13.39	13.66	13.27	14.50
	15 (RB_Pos:0)	LOW	64QAM	13.20	13.38	13.13	14.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	13.23	13.57	13.24	14.50
	1 (RB_Pos:13)	MIDDLE	QPSK	13.41	13.76	13.45	14.50
	1 (RB_Pos:24)	HIGH	QPSK	13.22	13.41	13.32	14.50
	12 (RB_Pos:0)	LOW	QPSK	12.94	13.08	12.96	14.50
	12 (RB_Pos:6)	MIDDLE	QPSK	12.94	13.11	13.05	14.50

	12 (RB_Pos:13)	HIGH	QPSK	12.80	12.94	12.82	14.50
	25 (RB_Pos:0)	LOW	QPSK	12.88	13.02	12.85	14.50
	1 (RB_Pos:0)	LOW	16QAM	12.94	13.29	12.83	14.50
	1 (RB_Pos:13)	MIDDLE	16QAM	13.18	13.76	12.95	14.50
	1 (RB_Pos:24)	HIGH	16QAM	12.96	13.33	12.86	14.50
	12 (RB_Pos:0)	LOW	16QAM	13.30	13.57	13.42	14.50
	12 (RB_Pos:6)	MIDDLE	16QAM	13.39	13.84	13.43	14.50
	12 (RB_Pos:13)	HIGH	16QAM	13.36	13.65	13.33	14.50
	25 (RB_Pos:0)	LOW	16QAM	13.42	13.54	13.22	14.50
	1 (RB_Pos:0)	LOW	64QAM	12.63	12.95	12.62	14.50
	1 (RB_Pos:13)	MIDDLE	64QAM	13.01	13.45	12.70	14.50
	1 (RB_Pos:24)	HIGH	64QAM	12.94	13.45	12.51	14.50
	12 (RB_Pos:0)	LOW	64QAM	13.64	13.65	13.22	14.50
	12 (RB_Pos:6)	MIDDLE	64QAM	13.43	13.83	13.31	14.50
	12 (RB_Pos:13)	HIGH	64QAM	13.16	13.81	13.40	14.50
	25 (RB_Pos:0)	LOW	64QAM	13.21	13.58	13.01	14.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	13.32	13.67	13.41	14.50
	1 (RB_Pos:25)	MIDDLE	QPSK	13.32	13.52	13.55	14.50
	1 (RB_Pos:49)	HIGH	QPSK	13.16	13.42	13.31	14.50
	25 (RB_Pos:0)	LOW	QPSK	12.96	13.08	12.90	14.50
	25 (RB_Pos:12)	MIDDLE	QPSK	12.82	12.97	12.85	14.50
	25 (RB_Pos:25)	HIGH	QPSK	12.90	13.07	12.92	14.50
	50 (RB_Pos:0)	LOW	QPSK	12.89	13.02	12.80	14.50
	1 (RB_Pos:0)	LOW	16QAM	12.65	13.36	12.98	14.50
	1 (RB_Pos:25)	MIDDLE	16QAM	12.79	13.42	12.89	14.50
	1 (RB_Pos:49)	HIGH	16QAM	12.66	13.39	12.76	14.50
	25 (RB_Pos:0)	LOW	16QAM	13.39	13.50	13.39	14.50
	25 (RB_Pos:12)	MIDDLE	16QAM	13.27	13.57	13.42	14.50
	25 (RB_Pos:25)	HIGH	16QAM	13.27	13.70	13.59	14.50
	50 (RB_Pos:0)	LOW	16QAM	13.33	13.48	13.45	14.50
	1 (RB_Pos:0)	LOW	64QAM	12.45	13.20	12.69	14.50
	1 (RB_Pos:25)	MIDDLE	64QAM	12.65	13.27	12.61	14.50
	1 (RB_Pos:49)	HIGH	64QAM	12.50	13.29	12.78	14.50
	25 (RB_Pos:0)	LOW	64QAM	13.35	13.86	13.33	14.50
	25 (RB_Pos:12)	MIDDLE	64QAM	13.21	13.55	13.52	14.50
	25 (RB_Pos:25)	HIGH	64QAM	13.44	13.35	13.49	14.50
	50 (RB_Pos:0)	LOW	64QAM	13.11	13.54	13.56	14.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	13.66	13.64	13.48	14.50
	1 (RB_Pos:38)	MIDDLE	QPSK	13.40	13.52	13.59	14.50

	1 (RB_Pos:74)	HIGH	QPSK	13.48	13.67	13.45	14.50
	36 (RB_Pos:0)	LOW	QPSK	12.85	13.14	13.03	14.50
	36 (RB_Pos:20)	MIDDLE	QPSK	13.05	13.25	13.01	14.50
	36 (RB_Pos:39)	HIGH	QPSK	12.90	13.17	13.10	14.50
	75 (RB_Pos:0)	LOW	QPSK	12.91	13.14	12.82	14.50
	1 (RB_Pos:0)	LOW	16QAM	12.89	13.47	13.48	14.50
	1 (RB_Pos:38)	MIDDLE	16QAM	12.89	13.46	13.24	14.50
	1 (RB_Pos:74)	HIGH	16QAM	12.93	13.66	13.29	14.50
	36 (RB_Pos:0)	LOW	16QAM	13.39	13.76	13.52	14.50
	36 (RB_Pos:20)	MIDDLE	16QAM	13.43	13.66	13.40	14.50
	36 (RB_Pos:39)	HIGH	16QAM	13.47	13.77	13.47	14.50
	75 (RB_Pos:0)	LOW	16QAM	13.32	13.70	13.31	14.50
	1 (RB_Pos:0)	LOW	64QAM	12.82	13.50	13.12	14.50
	1 (RB_Pos:38)	MIDDLE	64QAM	12.80	13.56	13.25	14.50
	1 (RB_Pos:74)	HIGH	64QAM	12.87	13.40	12.83	14.50
	36 (RB_Pos:0)	LOW	64QAM	13.19	13.66	13.48	14.50
	36 (RB_Pos:20)	MIDDLE	64QAM	13.44	13.57	13.59	14.50
	36 (RB_Pos:39)	HIGH	64QAM	13.20	13.60	13.23	14.50
	75 (RB_Pos:0)	LOW	64QAM	13.05	13.53	13.21	14.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	13.45	13.81	13.38	14.50
	1 (RB_Pos:50)	MIDDLE	QPSK	13.28	13.60	13.39	14.50
	1 (RB_Pos:99)	HIGH	QPSK	13.46	**13.88**	13.45	14.50
	50 (RB_Pos:0)	LOW	QPSK	12.77	13.01	13.00	14.50
	50 (RB_Pos:25)	MIDDLE	QPSK	12.93	13.06	12.98	14.50
	50 (RB_Pos:50)	HIGH	QPSK	12.94	13.07	13.01	14.50
	100 (RB_Pos:0)	LOW	QPSK	12.86	13.12	12.78	14.50
	1 (RB_Pos:0)	LOW	16QAM	13.42	13.44	13.49	14.50
	1 (RB_Pos:50)	MIDDLE	16QAM	13.54	13.40	13.37	14.50
	1 (RB_Pos:99)	HIGH	16QAM	13.65	13.54	13.27	14.50
	50 (RB_Pos:0)	LOW	16QAM	13.29	13.53	13.37	14.50
	50 (RB_Pos:25)	MIDDLE	16QAM	13.40	13.70	13.30	14.50
	50 (RB_Pos:50)	HIGH	16QAM	13.50	13.53	13.40	14.50
	100 (RB_Pos:0)	LOW	16QAM	13.58	13.51	13.33	14.50
	1 (RB_Pos:0)	LOW	64QAM	13.32	13.45	13.25	14.50
	1 (RB_Pos:50)	MIDDLE	64QAM	13.30	13.31	12.88	14.50
	1 (RB_Pos:99)	HIGH	64QAM	13.23	13.54	13.16	14.50
	50 (RB_Pos:0)	LOW	64QAM	13.11	13.44	13.68	14.50
	50 (RB_Pos:25)	MIDDLE	64QAM	13.37	13.64	13.43	14.50
	50 (RB_Pos:50)	HIGH	64QAM	13.40	13.58	13.42	14.50
	100 (RB_Pos:0)	LOW	64QAM	13.15	13.54	13.22	14.50

8.6.35 Power Reduced Level 4-Up Antenna of LTE Band 66

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	18.17	18.50	18.16	19.50
	1 (RB_Pos:3)	MIDDLE	QPSK	18.36	18.38	18.46	19.50
	1 (RB_Pos:5)	HIGH	QPSK	18.40	18.32	18.23	19.50
	3 (RB_Pos:0)	LOW	QPSK	18.58	18.60	18.54	19.50
	3 (RB_Pos:1)	MIDDLE	QPSK	18.70	18.72	18.59	19.50
	3 (RB_Pos:3)	HIGH	QPSK	18.51	18.60	18.57	19.50
	6 (RB_Pos:0)	LOW	QPSK	17.69	17.82	17.69	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.86	18.37	17.82	19.50
	1 (RB_Pos:3)	MIDDLE	16QAM	17.92	18.37	17.89	19.50
	1 (RB_Pos:5)	HIGH	16QAM	17.82	18.17	17.77	19.50
	3 (RB_Pos:0)	LOW	16QAM	18.55	18.54	18.39	19.50
	3 (RB_Pos:1)	MIDDLE	16QAM	18.64	18.73	18.63	19.50
	3 (RB_Pos:3)	HIGH	16QAM	18.53	18.59	18.49	19.50
	6 (RB_Pos:0)	LOW	16QAM	17.49	17.40	17.52	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.63	17.79	17.48	19.50
	1 (RB_Pos:3)	MIDDLE	64QAM	17.79	17.95	17.57	19.50
	1 (RB_Pos:5)	HIGH	64QAM	17.71	17.70	17.56	19.50
	3 (RB_Pos:0)	LOW	64QAM	18.59	18.57	18.64	19.50
	3 (RB_Pos:1)	MIDDLE	64QAM	18.74	18.49	18.31	19.50
	3 (RB_Pos:3)	HIGH	64QAM	18.60	18.44	18.59	19.50
	6 (RB_Pos:0)	LOW	64QAM	17.72	17.89	17.92	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	18.17	18.41	18.22	19.50
	1 (RB_Pos:8)	MIDDLE	QPSK	18.26	18.47	18.33	19.50
	1 (RB_Pos:14)	HIGH	QPSK	18.25	18.33	18.13	19.50
	8 (RB_Pos:0)	LOW	QPSK	17.65	17.97	17.71	19.50
	8 (RB_Pos:3)	MIDDLE	QPSK	17.69	18.00	17.65	19.50
	8 (RB_Pos:7)	HIGH	QPSK	17.77	17.89	17.59	19.50
	15 (RB_Pos:0)	LOW	QPSK	17.67	17.86	17.68	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.58	18.27	17.79	19.50
	1 (RB_Pos:8)	MIDDLE	16QAM	17.72	18.25	17.69	19.50
	1 (RB_Pos:14)	HIGH	16QAM	17.62	18.10	17.68	19.50
	8 (RB_Pos:0)	LOW	16QAM	17.37	17.76	17.54	19.50
	8 (RB_Pos:3)	MIDDLE	16QAM	17.63	17.77	17.42	19.50
	8 (RB_Pos:7)	HIGH	16QAM	17.41	17.76	17.49	19.50
	15 (RB_Pos:0)	LOW	16QAM	17.25	17.73	17.35	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.56	18.02	17.34	19.50
	1 (RB_Pos:8)	MIDDLE	64QAM	17.39	18.21	17.58	19.50

	1 (RB_Pos:14)	HIGH	64QAM	17.43	17.76	17.31	19.50
	8 (RB_Pos:0)	LOW	64QAM	17.98	18.09	17.85	19.50
	8 (RB_Pos:3)	MIDDLE	64QAM	17.87	18.34	17.87	19.50
	8 (RB_Pos:7)	HIGH	64QAM	17.97	18.12	17.60	19.50
	15 (RB_Pos:0)	LOW	64QAM	17.63	17.65	17.51	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	18.07	18.30	18.16	19.50
	1 (RB_Pos:13)	MIDDLE	QPSK	18.45	18.58	18.42	19.50
	1 (RB_Pos:24)	HIGH	QPSK	18.23	18.40	18.22	19.50
	12 (RB_Pos:0)	LOW	QPSK	17.81	17.76	17.59	19.50
	12 (RB_Pos:6)	MIDDLE	QPSK	17.56	17.98	17.80	19.50
	12 (RB_Pos:13)	HIGH	QPSK	17.45	17.74	17.59	19.50
	25 (RB_Pos:0)	LOW	QPSK	17.59	17.63	17.53	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.74	18.24	17.72	19.50
	1 (RB_Pos:13)	MIDDLE	16QAM	17.99	18.62	17.93	19.50
	1 (RB_Pos:24)	HIGH	16QAM	17.77	18.26	17.73	19.50
	12 (RB_Pos:0)	LOW	16QAM	17.33	17.74	17.47	19.50
	12 (RB_Pos:6)	MIDDLE	16QAM	17.53	17.64	17.52	19.50
	12 (RB_Pos:13)	HIGH	16QAM	17.36	17.59	17.32	19.50
	25 (RB_Pos:0)	LOW	16QAM	17.26	17.50	17.28	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.48	18.17	17.77	19.50
	1 (RB_Pos:13)	MIDDLE	64QAM	17.66	18.08	17.33	19.50
	1 (RB_Pos:24)	HIGH	64QAM	17.52	17.93	17.66	19.50
	12 (RB_Pos:0)	LOW	64QAM	17.66	18.11	17.75	19.50
	12 (RB_Pos:6)	MIDDLE	64QAM	17.69	17.89	18.18	19.50
	12 (RB_Pos:13)	HIGH	64QAM	17.96	17.72	18.03	19.50
	25 (RB_Pos:0)	LOW	64QAM	17.55	18.17	17.80	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	18.26	18.60	18.46	19.50
	1 (RB_Pos:25)	MIDDLE	QPSK	18.42	18.52	18.53	19.50
	1 (RB_Pos:49)	HIGH	QPSK	18.16	18.58	18.19	19.50
	25 (RB_Pos:0)	LOW	QPSK	17.48	17.95	17.63	19.50
	25 (RB_Pos:12)	MIDDLE	QPSK	17.50	17.69	17.65	19.50
	25 (RB_Pos:25)	HIGH	QPSK	17.56	17.86	17.56	19.50
	50 (RB_Pos:0)	LOW	QPSK	17.65	17.90	17.61	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.60	18.23	17.76	19.50
	1 (RB_Pos:25)	MIDDLE	16QAM	17.60	18.37	17.74	19.50
	1 (RB_Pos:49)	HIGH	16QAM	17.66	18.38	17.64	19.50
	25 (RB_Pos:0)	LOW	16QAM	17.24	17.67	17.47	19.50
	25 (RB_Pos:12)	MIDDLE	16QAM	17.37	17.68	17.40	19.50
	25 (RB_Pos:25)	HIGH	16QAM	17.25	17.51	17.56	19.50

	50 (RB_Pos:0)	LOW	16QAM	17.35	17.51	17.33	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.50	18.00	17.68	19.50
	1 (RB_Pos:25)	MIDDLE	64QAM	17.53	18.17	17.52	19.50
	1 (RB_Pos:49)	HIGH	64QAM	17.40	17.94	17.78	19.50
	25 (RB_Pos:0)	LOW	64QAM	17.80	18.26	17.86	19.50
	25 (RB_Pos:12)	MIDDLE	64QAM	17.58	17.98	18.03	19.50
	25 (RB_Pos:25)	HIGH	64QAM	17.78	17.83	17.96	19.50
	50 (RB_Pos:0)	LOW	64QAM	17.52	18.11	17.93	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	18.43	18.69	18.36	19.50
	1 (RB_Pos:38)	MIDDLE	QPSK	18.46	18.62	18.52	19.50
	1 (RB_Pos:74)	HIGH	QPSK	18.35	18.58	18.39	19.50
	36 (RB_Pos:0)	LOW	QPSK	17.83	18.00	17.72	19.50
	36 (RB_Pos:20)	MIDDLE	QPSK	17.70	18.06	17.82	19.50
	36 (RB_Pos:39)	HIGH	QPSK	17.83	17.87	17.82	19.50
	75 (RB_Pos:0)	LOW	QPSK	17.71	17.82	17.57	19.50
	1 (RB_Pos:0)	LOW	16QAM	17.85	18.47	18.17	19.50
	1 (RB_Pos:38)	MIDDLE	16QAM	17.85	18.46	18.25	19.50
	1 (RB_Pos:74)	HIGH	16QAM	17.95	18.53	18.24	19.50
	36 (RB_Pos:0)	LOW	16QAM	17.59	17.84	17.45	19.50
	36 (RB_Pos:20)	MIDDLE	16QAM	17.45	17.83	17.43	19.50
	36 (RB_Pos:39)	HIGH	16QAM	17.30	17.70	17.32	19.50
	75 (RB_Pos:0)	LOW	16QAM	17.31	17.74	17.35	19.50
	1 (RB_Pos:0)	LOW	64QAM	17.77	18.27	18.03	19.50
	1 (RB_Pos:38)	MIDDLE	64QAM	17.77	18.41	18.25	19.50
	1 (RB_Pos:74)	HIGH	64QAM	17.99	18.07	17.75	19.50
	36 (RB_Pos:0)	LOW	64QAM	17.70	18.18	18.02	19.50
	36 (RB_Pos:20)	MIDDLE	64QAM	18.03	18.16	17.92	19.50
	36 (RB_Pos:39)	HIGH	64QAM	17.72	18.25	17.64	19.50
	75 (RB_Pos:0)	LOW	64QAM	17.71	18.07	17.84	19.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	18.51	18.70	18.42	19.50
	1 (RB_Pos:50)	MIDDLE	QPSK	18.21	18.72	18.46	19.50
	1 (RB_Pos:99)	HIGH	QPSK	18.38	**18.76**	18.45	19.50
	50 (RB_Pos:0)	LOW	QPSK	17.49	17.68	17.52	19.50
	50 (RB_Pos:25)	MIDDLE	QPSK	17.43	17.87	17.56	19.50
	50 (RB_Pos:50)	HIGH	QPSK	17.61	17.88	17.72	19.50
	100 (RB_Pos:0)	LOW	QPSK	17.70	17.83	17.62	19.50
	1 (RB_Pos:0)	LOW	16QAM	18.32	18.45	18.33	19.50
	1 (RB_Pos:50)	MIDDLE	16QAM	18.45	18.50	18.31	19.50
	1 (RB_Pos:99)	HIGH	16QAM	18.45	18.60	18.17	19.50

	50 (RB_Pos:0)	LOW	16QAM	17.33	17.71	17.44	19.50
	50 (RB_Pos:25)	MIDDLE	16QAM	17.45	17.63	17.32	19.50
	50 (RB_Pos:50)	HIGH	16QAM	17.43	17.64	17.49	19.50
	100 (RB_Pos:0)	LOW	16QAM	17.40	17.70	17.32	19.50
	1 (RB_Pos:0)	LOW	64QAM	18.21	18.29	18.28	19.50
	1 (RB_Pos:50)	MIDDLE	64QAM	18.03	18.09	17.89	19.50
	1 (RB_Pos:99)	HIGH	64QAM	18.17	18.39	17.98	19.50
	50 (RB_Pos:0)	LOW	64QAM	17.72	17.96	18.10	19.50
	50 (RB_Pos:25)	MIDDLE	64QAM	17.81	18.18	17.92	19.50
	50 (RB_Pos:50)	HIGH	64QAM	17.81	17.96	17.70	19.50
	100 (RB_Pos:0)	LOW	64QAM	17.55	18.02	17.69	19.50

8.6.36 Power Reduced Level 5&6-Up Antenna of LTE Band 66

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	16.80	16.77	16.82	18.00
	1 (RB_Pos:3)	MIDDLE	QPSK	16.83	16.82	16.78	18.00
	1 (RB_Pos:5)	HIGH	QPSK	16.72	16.91	16.60	18.00
	3 (RB_Pos:0)	LOW	QPSK	17.47	17.39	17.68	18.00
	3 (RB_Pos:1)	MIDDLE	QPSK	17.45	17.42	17.68	18.00
	3 (RB_Pos:3)	HIGH	QPSK	17.65	17.75	17.65	18.00
	6 (RB_Pos:0)	LOW	QPSK	16.74	16.90	16.76	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.11	16.23	16.01	18.00
	1 (RB_Pos:3)	MIDDLE	16QAM	16.29	16.19	16.06	18.00
	1 (RB_Pos:5)	HIGH	16QAM	16.32	16.16	16.03	18.00
	3 (RB_Pos:0)	LOW	16QAM	17.52	17.73	17.48	18.00
	3 (RB_Pos:1)	MIDDLE	16QAM	17.60	17.64	17.49	18.00
	3 (RB_Pos:3)	HIGH	16QAM	17.51	17.66	17.48	18.00
	6 (RB_Pos:0)	LOW	16QAM	16.42	16.45	16.51	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.18	15.94	16.10	18.00
	1 (RB_Pos:3)	MIDDLE	64QAM	16.32	16.05	16.16	18.00
	1 (RB_Pos:5)	HIGH	64QAM	16.04	15.74	16.16	18.00
	3 (RB_Pos:0)	LOW	64QAM	17.38	17.48	17.63	18.00
	3 (RB_Pos:1)	MIDDLE	64QAM	17.53	17.12	17.52	18.00
	3 (RB_Pos:3)	HIGH	64QAM	17.31	17.28	17.29	18.00
	6 (RB_Pos:0)	LOW	64QAM	16.35	16.41	16.51	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	16.76	16.78	16.68	18.00
	1 (RB_Pos:8)	MIDDLE	QPSK	16.79	16.84	16.92	18.00
	1 (RB_Pos:14)	HIGH	QPSK	16.74	16.82	16.58	18.00

	8 (RB_Pos:0)	LOW	QPSK	16.82	16.98	16.76	18.00
	8 (RB_Pos:3)	MIDDLE	QPSK	16.83	17.10	16.89	18.00
	8 (RB_Pos:7)	HIGH	QPSK	16.93	17.13	16.76	18.00
	15 (RB_Pos:0)	LOW	QPSK	16.71	17.07	16.95	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.24	16.32	16.29	18.00
	1 (RB_Pos:8)	MIDDLE	16QAM	16.11	16.22	16.40	18.00
	1 (RB_Pos:14)	HIGH	16QAM	15.97	16.08	16.24	18.00
	8 (RB_Pos:0)	LOW	16QAM	16.41	16.55	16.57	18.00
	8 (RB_Pos:3)	MIDDLE	16QAM	16.60	16.63	16.50	18.00
	8 (RB_Pos:7)	HIGH	16QAM	16.49	16.62	16.50	18.00
	15 (RB_Pos:0)	LOW	16QAM	16.44	16.51	16.32	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.18	16.09	16.06	18.00
	1 (RB_Pos:8)	MIDDLE	64QAM	16.02	16.30	16.37	18.00
	1 (RB_Pos:14)	HIGH	64QAM	16.18	15.83	16.11	18.00
	8 (RB_Pos:0)	LOW	64QAM	16.40	16.53	16.46	18.00
	8 (RB_Pos:3)	MIDDLE	64QAM	16.42	16.90	16.53	18.00
	8 (RB_Pos:7)	HIGH	64QAM	16.43	16.66	16.21	18.00
	15 (RB_Pos:0)	LOW	64QAM	16.02	16.18	16.01	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	16.53	16.80	16.61	18.00
	1 (RB_Pos:13)	MIDDLE	QPSK	16.83	17.00	16.94	18.00
	1 (RB_Pos:24)	HIGH	QPSK	16.53	16.76	16.47	18.00
	12 (RB_Pos:0)	LOW	QPSK	16.87	16.92	16.68	18.00
	12 (RB_Pos:6)	MIDDLE	QPSK	16.78	17.02	16.75	18.00
	12 (RB_Pos:13)	HIGH	QPSK	16.70	16.78	16.66	18.00
	25 (RB_Pos:0)	LOW	QPSK	16.78	16.81	16.86	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.06	16.23	16.24	18.00
	1 (RB_Pos:13)	MIDDLE	16QAM	16.33	16.54	16.08	18.00
	1 (RB_Pos:24)	HIGH	16QAM	16.05	16.32	15.70	18.00
	12 (RB_Pos:0)	LOW	16QAM	16.48	16.68	16.45	18.00
	12 (RB_Pos:6)	MIDDLE	16QAM	16.50	16.87	16.40	18.00
	12 (RB_Pos:13)	HIGH	16QAM	16.38	16.61	16.52	18.00
	25 (RB_Pos:0)	LOW	16QAM	16.22	16.54	16.37	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.24	15.99	16.07	18.00
	1 (RB_Pos:13)	MIDDLE	64QAM	16.13	16.37	16.33	18.00
	1 (RB_Pos:24)	HIGH	64QAM	16.09	16.37	16.01	18.00
	12 (RB_Pos:0)	LOW	64QAM	16.63	16.68	16.44	18.00
	12 (RB_Pos:6)	MIDDLE	64QAM	16.50	16.82	16.30	18.00
	12 (RB_Pos:13)	HIGH	64QAM	16.20	16.85	16.46	18.00
	25 (RB_Pos:0)	LOW	64QAM	16.17	16.58	16.11	18.00
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)

10 MHz	1 (RB_Pos:0)	LOW	QPSK	16.83	16.94	16.79	18.00
	1 (RB_Pos:25)	MIDDLE	QPSK	16.78	16.95	16.77	18.00
	1 (RB_Pos:49)	HIGH	QPSK	16.59	16.87	16.77	18.00
	25 (RB_Pos:0)	LOW	QPSK	16.77	16.95	16.67	18.00
	25 (RB_Pos:12)	MIDDLE	QPSK	16.70	16.97	16.75	18.00
	25 (RB_Pos:25)	HIGH	QPSK	16.61	16.85	16.68	18.00
	50 (RB_Pos:0)	LOW	QPSK	16.62	16.81	16.75	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.33	16.22	16.11	18.00
	1 (RB_Pos:25)	MIDDLE	16QAM	16.53	16.44	16.19	18.00
	1 (RB_Pos:49)	HIGH	16QAM	16.32	16.27	16.22	18.00
	25 (RB_Pos:0)	LOW	16QAM	16.27	16.55	16.50	18.00
	25 (RB_Pos:12)	MIDDLE	16QAM	16.48	16.70	16.45	18.00
	25 (RB_Pos:25)	HIGH	16QAM	16.25	16.68	16.39	18.00
	50 (RB_Pos:0)	LOW	16QAM	16.46	16.70	16.42	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.25	16.11	16.37	18.00
	1 (RB_Pos:25)	MIDDLE	64QAM	16.41	16.30	16.21	18.00
	1 (RB_Pos:49)	HIGH	64QAM	16.11	16.02	16.45	18.00
	25 (RB_Pos:0)	LOW	64QAM	16.20	16.64	16.24	18.00
	25 (RB_Pos:12)	MIDDLE	64QAM	16.14	16.35	16.65	18.00
	25 (RB_Pos:25)	HIGH	64QAM	16.30	16.33	16.61	18.00
	50 (RB_Pos:0)	LOW	64QAM	16.18	16.71	16.43	18.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	16.91	17.14	16.78	18.00
	1 (RB_Pos:38)	MIDDLE	QPSK	16.75	17.04	16.80	18.00
	1 (RB_Pos:74)	HIGH	QPSK	16.90	17.12	16.91	18.00
	36 (RB_Pos:0)	LOW	QPSK	16.72	17.02	16.72	18.00
	36 (RB_Pos:20)	MIDDLE	QPSK	17.01	17.18	16.74	18.00
	36 (RB_Pos:39)	HIGH	QPSK	16.91	17.01	16.94	18.00
	75 (RB_Pos:0)	LOW	QPSK	16.86	16.88	16.90	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.19	16.39	16.27	18.00
	1 (RB_Pos:38)	MIDDLE	16QAM	16.12	16.46	16.21	18.00
	1 (RB_Pos:74)	HIGH	16QAM	16.20	16.44	16.22	18.00
	36 (RB_Pos:0)	LOW	16QAM	16.64	16.82	16.33	18.00
	36 (RB_Pos:20)	MIDDLE	16QAM	16.43	16.85	16.60	18.00
	36 (RB_Pos:39)	HIGH	16QAM	16.29	16.88	16.42	18.00
	75 (RB_Pos:0)	LOW	16QAM	16.35	16.63	16.52	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.42	16.33	16.05	18.00
	1 (RB_Pos:38)	MIDDLE	64QAM	16.00	16.40	16.06	18.00
	1 (RB_Pos:74)	HIGH	64QAM	16.14	16.25	15.75	18.00
	36 (RB_Pos:0)	LOW	64QAM	16.43	16.77	16.48	18.00
	36 (RB_Pos:20)	MIDDLE	64QAM	16.49	16.62	16.58	18.00
	36 (RB_Pos:39)	HIGH	64QAM	16.12	16.59	16.33	18.00
	75 (RB_Pos:0)	LOW	64QAM	16.16	16.56	16.28	18.00

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	17.15	17.38	17.13	18.00
	1 (RB_Pos:50)	MIDDLE	QPSK	17.10	17.54	17.30	18.00
	1 (RB_Pos:99)	HIGH	QPSK	17.19	**17.75**	17.33	18.00
	50 (RB_Pos:0)	LOW	QPSK	17.00	17.33	17.27	18.00
	50 (RB_Pos:25)	MIDDLE	QPSK	17.15	17.44	17.27	18.00
	50 (RB_Pos:50)	HIGH	QPSK	17.34	17.46	17.29	18.00
	100 (RB_Pos:0)	LOW	QPSK	17.07	17.29	17.19	18.00
	1 (RB_Pos:0)	LOW	16QAM	16.57	16.68	16.53	18.00
	1 (RB_Pos:50)	MIDDLE	16QAM	16.35	16.58	16.33	18.00
	1 (RB_Pos:99)	HIGH	16QAM	16.52	16.63	16.34	18.00
	50 (RB_Pos:0)	LOW	16QAM	16.60	16.80	16.56	18.00
	50 (RB_Pos:25)	MIDDLE	16QAM	16.60	16.64	16.42	18.00
	50 (RB_Pos:50)	HIGH	16QAM	16.65	16.61	16.62	18.00
	100 (RB_Pos:0)	LOW	16QAM	16.68	16.59	16.56	18.00
	1 (RB_Pos:0)	LOW	64QAM	16.40	16.61	16.35	18.00
	1 (RB_Pos:50)	MIDDLE	64QAM	16.14	16.42	16.01	18.00
	1 (RB_Pos:99)	HIGH	64QAM	16.25	16.60	16.06	18.00
	50 (RB_Pos:0)	LOW	64QAM	16.23	16.44	16.65	18.00
	50 (RB_Pos:25)	MIDDLE	64QAM	16.61	16.68	16.40	18.00
	50 (RB_Pos:50)	HIGH	64QAM	16.44	16.70	16.57	18.00
	100 (RB_Pos:0)	LOW	64QAM	16.38	16.71	16.53	18.00

8.6.37 Power Reduced Level 4&5&6-Down Antenna of LTE Band 66

FDD LTE Band 66							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131979	132322	132665	Tune up limit (dBm)
1.4 MHz	1 (RB_Pos:0)	LOW	QPSK	19.36	19.43	19.35	20.50
	1 (RB_Pos:3)	MIDDLE	QPSK	19.38	19.41	19.29	20.50
	1 (RB_Pos:5)	HIGH	QPSK	19.38	19.56	19.21	20.50
	3 (RB_Pos:0)	LOW	QPSK	19.36	19.46	19.36	20.50
	3 (RB_Pos:1)	MIDDLE	QPSK	19.56	19.64	19.42	20.50
	3 (RB_Pos:3)	HIGH	QPSK	19.44	19.61	19.40	20.50
	6 (RB_Pos:0)	LOW	QPSK	18.53	18.62	18.51	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.58	18.89	18.59	20.50
	1 (RB_Pos:3)	MIDDLE	16QAM	18.57	18.97	18.61	20.50
	1 (RB_Pos:5)	HIGH	16QAM	18.67	18.73	18.53	20.50
	3 (RB_Pos:0)	LOW	16QAM	19.24	19.33	19.25	20.50
	3 (RB_Pos:1)	MIDDLE	16QAM	19.30	19.53	19.18	20.50
	3 (RB_Pos:3)	HIGH	16QAM	19.12	19.43	19.08	20.50
	6 (RB_Pos:0)	LOW	16QAM	18.52	18.53	18.53	20.50

	1 (RB_Pos:0)	LOW	64QAM	18.54	18.81	18.67	20.50
	1 (RB_Pos:3)	MIDDLE	64QAM	18.53	18.97	18.59	20.50
	1 (RB_Pos:5)	HIGH	64QAM	18.61	18.74	18.57	20.50
	3 (RB_Pos:0)	LOW	64QAM	19.12	19.25	19.31	20.50
	3 (RB_Pos:1)	MIDDLE	64QAM	19.33	19.40	19.11	20.50
	3 (RB_Pos:3)	HIGH	64QAM	18.84	18.96	18.93	20.50
	6 (RB_Pos:0)	LOW	64QAM	18.64	18.71	18.55	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131987	132322	132657	Tune up limit (dBm)
3 MHz	1 (RB_Pos:0)	LOW	QPSK	19.37	19.42	19.40	20.50
	1 (RB_Pos:8)	MIDDLE	QPSK	19.47	19.39	19.32	20.50
	1 (RB_Pos:14)	HIGH	QPSK	19.27	19.34	19.23	20.50
	8 (RB_Pos:0)	LOW	QPSK	18.59	18.62	18.55	20.50
	8 (RB_Pos:3)	MIDDLE	QPSK	18.64	18.82	18.58	20.50
	8 (RB_Pos:7)	HIGH	QPSK	18.56	18.60	18.76	20.50
	15 (RB_Pos:0)	LOW	QPSK	18.53	18.68	18.53	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.64	19.45	18.81	20.50
	1 (RB_Pos:8)	MIDDLE	16QAM	18.80	19.43	18.91	20.50
	1 (RB_Pos:14)	HIGH	16QAM	18.70	19.21	18.84	20.50
	8 (RB_Pos:0)	LOW	16QAM	18.74	18.88	18.70	20.50
	8 (RB_Pos:3)	MIDDLE	16QAM	18.68	18.82	18.81	20.50
	8 (RB_Pos:7)	HIGH	16QAM	18.64	19.00	18.69	20.50
	15 (RB_Pos:0)	LOW	16QAM	18.73	18.89	18.54	20.50
	1 (RB_Pos:0)	LOW	64QAM	18.88	19.58	18.76	20.50
	1 (RB_Pos:8)	MIDDLE	64QAM	18.71	19.70	19.02	20.50
	1 (RB_Pos:14)	HIGH	64QAM	18.73	19.06	18.71	20.50
	8 (RB_Pos:0)	LOW	64QAM	18.51	18.82	18.61	20.50
	8 (RB_Pos:3)	MIDDLE	64QAM	18.54	19.02	18.69	20.50
	8 (RB_Pos:7)	HIGH	64QAM	18.59	18.75	18.58	20.50
	15 (RB_Pos:0)	LOW	64QAM	18.67	18.54	18.53	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			131997	132322	132647	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	19.27	19.49	19.12	20.50
	1 (RB_Pos:13)	MIDDLE	QPSK	19.28	19.65	19.48	20.50
	1 (RB_Pos:24)	HIGH	QPSK	19.14	19.30	19.24	20.50
	12 (RB_Pos:0)	LOW	QPSK	18.54	18.59	18.43	20.50
	12 (RB_Pos:6)	MIDDLE	QPSK	18.57	18.76	18.62	20.50
	12 (RB_Pos:13)	HIGH	QPSK	18.56	18.54	18.67	20.50
	25 (RB_Pos:0)	LOW	QPSK	18.52	18.59	18.59	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.89	19.48	18.87	20.50
	1 (RB_Pos:13)	MIDDLE	16QAM	19.14	19.70	19.02	20.50
	1 (RB_Pos:24)	HIGH	16QAM	18.96	19.49	18.86	20.50
	12 (RB_Pos:0)	LOW	16QAM	18.52	18.96	18.76	20.50

	12 (RB_Pos:6)	MIDDLE	16QAM	18.69	18.88	18.76	20.50
	12 (RB_Pos:13)	HIGH	16QAM	18.68	19.02	18.70	20.50
	25 (RB_Pos:0)	LOW	16QAM	18.61	18.90	18.57	20.50
	1 (RB_Pos:0)	LOW	64QAM	18.78	19.37	18.78	20.50
	1 (RB_Pos:13)	MIDDLE	64QAM	19.09	19.78	18.91	20.50
	1 (RB_Pos:24)	HIGH	64QAM	18.96	19.70	18.72	20.50
	12 (RB_Pos:0)	LOW	64QAM	18.71	18.84	18.52	20.50
	12 (RB_Pos:6)	MIDDLE	64QAM	18.54	18.79	18.55	20.50
	12 (RB_Pos:13)	HIGH	64QAM	18.54	18.77	18.59	20.50
	25 (RB_Pos:0)	LOW	64QAM	18.58	18.82	18.59	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132022	132322	132622	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	19.26	19.48	19.32	20.50
	1 (RB_Pos:25)	MIDDLE	QPSK	19.38	19.43	19.52	20.50
	1 (RB_Pos:49)	HIGH	QPSK	19.19	19.45	19.18	20.50
	25 (RB_Pos:0)	LOW	QPSK	18.84	19.16	19.02	20.50
	25 (RB_Pos:12)	MIDDLE	QPSK	18.98	19.23	18.86	20.50
	25 (RB_Pos:25)	HIGH	QPSK	18.97	19.20	19.01	20.50
	50 (RB_Pos:0)	LOW	QPSK	18.97	19.15	19.07	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.69	19.40	18.82	20.50
	1 (RB_Pos:25)	MIDDLE	16QAM	18.83	19.47	18.99	20.50
	1 (RB_Pos:49)	HIGH	16QAM	18.73	19.38	18.97	20.50
	25 (RB_Pos:0)	LOW	16QAM	18.61	18.83	18.85	20.50
	25 (RB_Pos:12)	MIDDLE	16QAM	18.56	18.73	18.74	20.50
	25 (RB_Pos:25)	HIGH	16QAM	18.57	18.77	18.66	20.50
	50 (RB_Pos:0)	LOW	16QAM	18.56	18.72	18.65	20.50
	1 (RB_Pos:0)	LOW	64QAM	18.84	19.49	19.08	20.50
	1 (RB_Pos:25)	MIDDLE	64QAM	18.84	19.62	18.81	20.50
	1 (RB_Pos:49)	HIGH	64QAM	18.84	19.51	19.05	20.50
	25 (RB_Pos:0)	LOW	64QAM	18.57	18.85	18.55	20.50
	25 (RB_Pos:12)	MIDDLE	64QAM	18.41	18.52	18.82	20.50
	25 (RB_Pos:25)	HIGH	64QAM	18.62	18.51	18.81	20.50
	50 (RB_Pos:0)	LOW	64QAM	18.54	18.61	18.68	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132047	132322	132597	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	19.50	19.55	19.43	20.50
	1 (RB_Pos:38)	MIDDLE	QPSK	19.47	19.56	19.38	20.50
	1 (RB_Pos:74)	HIGH	QPSK	19.32	19.69	19.47	20.50
	36 (RB_Pos:0)	LOW	QPSK	18.68	18.70	18.54	20.50
	36 (RB_Pos:20)	MIDDLE	QPSK	18.51	18.65	18.53	20.50
	36 (RB_Pos:39)	HIGH	QPSK	18.62	18.68	18.67	20.50
	75 (RB_Pos:0)	LOW	QPSK	18.55	18.71	18.57	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.95	19.08	18.92	20.50

	1 (RB_Pos:38)	MIDDLE	16QAM	18.87	18.93	18.73	20.50
	1 (RB_Pos:74)	HIGH	16QAM	18.77	18.98	19.21	20.50
	36 (RB_Pos:0)	LOW	16QAM	18.56	18.51	18.57	20.50
	36 (RB_Pos:20)	MIDDLE	16QAM	18.69	18.56	18.52	20.50
	36 (RB_Pos:39)	HIGH	16QAM	18.60	18.57	18.64	20.50
	75 (RB_Pos:0)	LOW	16QAM	18.57	18.57	18.56	20.50
	1 (RB_Pos:0)	LOW	64QAM	18.55	19.04	18.80	20.50
	1 (RB_Pos:38)	MIDDLE	64QAM	18.51	19.22	18.83	20.50
	1 (RB_Pos:74)	HIGH	64QAM	18.58	19.07	18.64	20.50
	36 (RB_Pos:0)	LOW	64QAM	18.55	18.64	18.58	20.50
	36 (RB_Pos:20)	MIDDLE	64QAM	18.52	18.64	18.54	20.50
	36 (RB_Pos:39)	HIGH	64QAM	18.54	18.68	18.57	20.50
	75 (RB_Pos:0)	LOW	64QAM	18.59	18.56	18.54	20.50

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			132072	132322	132572	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	19.34	19.54	19.31	20.50
	1 (RB_Pos:50)	MIDDLE	QPSK	19.36	19.55	19.50	20.50
	1 (RB_Pos:99)	HIGH	QPSK	19.40	**19.78**	19.42	20.50
	50 (RB_Pos:0)	LOW	QPSK	18.87	19.21	18.94	20.50
	50 (RB_Pos:25)	MIDDLE	QPSK	18.94	19.09	18.97	20.50
	50 (RB_Pos:50)	HIGH	QPSK	18.86	19.23	18.85	20.50
	100 (RB_Pos:0)	LOW	QPSK	18.99	19.10	19.06	20.50
	1 (RB_Pos:0)	LOW	16QAM	18.98	19.03	18.85	20.50
	1 (RB_Pos:50)	MIDDLE	16QAM	19.00	19.08	18.97	20.50
	1 (RB_Pos:99)	HIGH	16QAM	19.11	19.06	18.88	20.50
	50 (RB_Pos:0)	LOW	16QAM	18.76	18.86	18.77	20.50
	50 (RB_Pos:25)	MIDDLE	16QAM	18.81	18.77	18.90	20.50
	50 (RB_Pos:50)	HIGH	16QAM	18.92	18.76	18.83	20.50
	100 (RB_Pos:0)	LOW	16QAM	18.84	18.78	18.77	20.50
	1 (RB_Pos:0)	LOW	64QAM	19.03	19.38	19.05	20.50
	1 (RB_Pos:50)	MIDDLE	64QAM	18.98	19.01	18.77	20.50
	1 (RB_Pos:99)	HIGH	64QAM	19.03	19.22	18.77	20.50
	50 (RB_Pos:0)	LOW	64QAM	18.83	18.88	19.15	20.50
	50 (RB_Pos:25)	MIDDLE	64QAM	18.84	19.02	18.81	20.50
	50 (RB_Pos:50)	HIGH	64QAM	18.84	18.94	18.83	20.50
	100 (RB_Pos:0)	LOW	64QAM	18.78	19.02	18.81	20.50

8.6.38 Power Reduced Level 1 of LTE Band 38

TDD LTE Band 38							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37775	38000	38225	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	17.70	17.64	17.55	18.50
	1 (RB_Pos:13)	MIDDLE	QPSK	17.73	17.69	17.53	18.50
	1 (RB_Pos:24)	HIGH	QPSK	17.74	17.68	17.53	18.50
	12 (RB_Pos:0)	LOW	QPSK	17.67	17.72	17.51	18.50
	12 (RB_Pos:6)	MIDDLE	QPSK	17.74	17.70	17.54	18.50
	12 (RB_Pos:13)	HIGH	QPSK	17.66	17.69	17.53	18.50
	25 (RB_Pos:0)	LOW	QPSK	17.62	17.67	17.52	18.50
	1 (RB_Pos:0)	LOW	16QAM	17.90	17.76	17.65	18.50
	1 (RB_Pos:13)	MIDDLE	16QAM	17.61	17.76	17.63	18.50
	1 (RB_Pos:24)	HIGH	16QAM	17.67	17.67	17.64	18.50
	12 (RB_Pos:0)	LOW	16QAM	17.60	17.57	17.38	18.50
	12 (RB_Pos:6)	MIDDLE	16QAM	17.66	17.56	17.41	18.50
	12 (RB_Pos:13)	HIGH	16QAM	17.60	17.60	17.37	18.50
	25 (RB_Pos:0)	LOW	16QAM	17.55	17.54	17.41	18.50
	1 (RB_Pos:0)	LOW	64QAM	17.13	17.31	17.39	18.50
	1 (RB_Pos:13)	MIDDLE	64QAM	17.54	17.55	17.29	18.50
	1 (RB_Pos:24)	HIGH	64QAM	17.42	17.34	17.49	18.50
	12 (RB_Pos:0)	LOW	64QAM	17.08	17.30	17.18	18.50
	12 (RB_Pos:6)	MIDDLE	64QAM	17.25	17.03	16.94	18.50
	12 (RB_Pos:13)	HIGH	64QAM	16.88	17.15	17.03	18.50
	25 (RB_Pos:0)	LOW	64QAM	16.96	17.13	16.80	18.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37800	38000	38200	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	17.64	17.70	17.64	18.50
	1 (RB_Pos:25)	MIDDLE	QPSK	17.61	17.63	17.47	18.50
	1 (RB_Pos:49)	HIGH	QPSK	17.63	17.70	17.53	18.50
	25 (RB_Pos:0)	LOW	QPSK	17.67	17.68	17.61	18.50
	25 (RB_Pos:12)	MIDDLE	QPSK	17.72	17.73	17.66	18.50
	25 (RB_Pos:25)	HIGH	QPSK	17.70	17.70	17.57	18.50
	50 (RB_Pos:0)	LOW	QPSK	17.70	17.71	17.62	18.50
	1 (RB_Pos:0)	LOW	16QAM	17.73	17.88	17.83	18.50
	1 (RB_Pos:25)	MIDDLE	16QAM	17.66	17.95	17.71	18.50
	1 (RB_Pos:49)	HIGH	16QAM	17.71	17.90	17.80	18.50
	25 (RB_Pos:0)	LOW	16QAM	17.50	17.54	17.45	18.50
	25 (RB_Pos:12)	MIDDLE	16QAM	17.56	17.59	17.56	18.50
	25 (RB_Pos:25)	HIGH	16QAM	17.51	17.56	17.42	18.50
	50 (RB_Pos:0)	LOW	16QAM	17.56	17.60	17.53	18.50
	1 (RB_Pos:0)	LOW	64QAM	17.28	17.53	17.32	18.50
	1 (RB_Pos:25)	MIDDLE	64QAM	17.29	17.55	17.08	18.50

	1 (RB_Pos:49)	HIGH	64QAM	17.20	17.58	17.50	18.50
	25 (RB_Pos:0)	LOW	64QAM	17.23	17.22	16.89	18.50
	25 (RB_Pos:12)	MIDDLE	64QAM	17.24	17.02	17.26	18.50
	25 (RB_Pos:25)	HIGH	64QAM	17.10	16.85	16.71	18.50
	50 (RB_Pos:0)	LOW	64QAM	17.12	17.12	16.89	18.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37825	38000	38175	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	17.67	17.70	17.70	18.50
	1 (RB_Pos:38)	MIDDLE	QPSK	17.64	17.72	17.66	18.50
	1 (RB_Pos:74)	HIGH	QPSK	17.72	17.59	17.53	18.50
	36 (RB_Pos:0)	LOW	QPSK	17.67	17.72	17.64	18.50
	36 (RB_Pos:20)	MIDDLE	QPSK	17.68	17.69	17.60	18.50
	36 (RB_Pos:39)	HIGH	QPSK	17.72	17.70	17.63	18.50
	75 (RB_Pos:0)	LOW	QPSK	17.76	17.67	17.60	18.50
	1 (RB_Pos:0)	LOW	16QAM	17.74	17.69	17.84	18.50
	1 (RB_Pos:38)	MIDDLE	16QAM	17.74	17.94	17.79	18.50
	1 (RB_Pos:74)	HIGH	16QAM	17.79	17.88	17.65	18.50
	36 (RB_Pos:0)	LOW	16QAM	17.44	17.50	17.45	18.50
	36 (RB_Pos:20)	MIDDLE	16QAM	17.44	17.56	17.47	18.50
	36 (RB_Pos:39)	HIGH	16QAM	17.56	17.48	17.48	18.50
	75 (RB_Pos:0)	LOW	16QAM	17.61	17.51	17.43	18.50
	1 (RB_Pos:0)	LOW	64QAM	17.41	17.78	17.47	18.50
	1 (RB_Pos:38)	MIDDLE	64QAM	17.51	17.69	17.27	18.50
	1 (RB_Pos:74)	HIGH	64QAM	17.59	17.58	17.41	18.50
	36 (RB_Pos:0)	LOW	64QAM	17.19	17.15	17.24	18.50
	36 (RB_Pos:20)	MIDDLE	64QAM	17.21	16.92	16.90	18.50
	36 (RB_Pos:39)	HIGH	64QAM	17.01	17.04	17.03	18.50
	75 (RB_Pos:0)	LOW	64QAM	17.03	17.03	17.05	18.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37850	38000	38150	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	17.79	17.67	17.74	18.50
	1 (RB_Pos:50)	MIDDLE	QPSK	17.66	17.62	17.64	18.50
	1 (RB_Pos:99)	HIGH	QPSK	**17.97**	17.87	17.66	18.50
	50 (RB_Pos:0)	LOW	QPSK	17.74	17.77	17.72	18.50
	50 (RB_Pos:25)	MIDDLE	QPSK	17.87	17.79	17.81	18.50
	50 (RB_Pos:50)	HIGH	QPSK	17.84	17.74	17.62	18.50
	100 (RB_Pos:0)	LOW	QPSK	17.85	17.71	17.64	18.50
	1 (RB_Pos:0)	LOW	16QAM	17.70	17.67	17.86	18.50
	1 (RB_Pos:50)	MIDDLE	16QAM	17.74	17.63	17.81	18.50
	1 (RB_Pos:99)	HIGH	16QAM	17.90	17.59	17.72	18.50
	50 (RB_Pos:0)	LOW	16QAM	17.58	17.56	17.61	18.50
	50 (RB_Pos:25)	MIDDLE	16QAM	17.70	17.59	17.57	18.50
	50 (RB_Pos:50)	HIGH	16QAM	17.66	17.60	17.52	18.50

	100 (RB_Pos:0)	LOW	16QAM	17.69	17.56	17.51	18.50
	1 (RB_Pos:0)	LOW	64QAM	17.59	17.08	17.44	18.50
	1 (RB_Pos:50)	MIDDLE	64QAM	17.60	17.10	17.62	18.50
	1 (RB_Pos:99)	HIGH	64QAM	17.57	17.03	17.51	18.50
	50 (RB_Pos:0)	LOW	64QAM	17.29	17.17	17.29	18.50
	50 (RB_Pos:25)	MIDDLE	64QAM	17.38	17.05	17.10	18.50
	50 (RB_Pos:50)	HIGH	64QAM	17.34	17.26	16.97	18.50
	100 (RB_Pos:0)	LOW	64QAM	17.10	16.96	16.84	18.50

8.6.39 Power Reduced Level 2&3 of LTE Band 38

TDD LTE Band 38							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37775	38000	38225	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	15.86	15.96	15.76	16.50
	1 (RB_Pos:13)	MIDDLE	QPSK	15.90	15.84	15.76	16.50
	1 (RB_Pos:24)	HIGH	QPSK	15.89	15.90	15.84	16.50
	12 (RB_Pos:0)	LOW	QPSK	14.89	14.90	14.77	16.50
	12 (RB_Pos:6)	MIDDLE	QPSK	14.92	14.97	14.72	16.50
	12 (RB_Pos:13)	HIGH	QPSK	14.96	14.95	14.76	16.50
	25 (RB_Pos:0)	LOW	QPSK	14.91	14.90	14.72	16.50
	1 (RB_Pos:0)	LOW	16QAM	15.14	15.24	15.19	16.50
	1 (RB_Pos:13)	MIDDLE	16QAM	15.22	15.24	15.19	16.50
	1 (RB_Pos:24)	HIGH	16QAM	15.24	15.21	15.22	16.50
	12 (RB_Pos:0)	LOW	16QAM	14.58	14.61	14.45	16.50
	12 (RB_Pos:6)	MIDDLE	16QAM	14.62	14.54	14.49	16.50
	12 (RB_Pos:13)	HIGH	16QAM	14.64	14.59	14.46	16.50
	25 (RB_Pos:0)	LOW	16QAM	14.59	14.61	14.40	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.18	15.35	15.42	16.50
	1 (RB_Pos:13)	MIDDLE	64QAM	15.57	15.57	15.33	16.50
	1 (RB_Pos:24)	HIGH	64QAM	15.43	15.38	15.50	16.50
	12 (RB_Pos:0)	LOW	64QAM	15.17	15.41	15.28	16.50
	12 (RB_Pos:6)	MIDDLE	64QAM	15.36	15.07	15.01	16.50
	12 (RB_Pos:13)	HIGH	64QAM	15.01	15.22	15.12	16.50
	25 (RB_Pos:0)	LOW	64QAM	15.00	15.23	14.87	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37800	38000	38200	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	15.85	15.95	15.88	16.50
	1 (RB_Pos:25)	MIDDLE	QPSK	15.81	15.92	15.73	16.50
	1 (RB_Pos:49)	HIGH	QPSK	15.82	15.94	15.79	16.50
	25 (RB_Pos:0)	LOW	QPSK	14.87	14.93	14.83	16.50
	25 (RB_Pos:12)	MIDDLE	QPSK	14.97	14.96	14.86	16.50
	25 (RB_Pos:25)	HIGH	QPSK	14.85	14.88	14.78	16.50

	50 (RB_Pos:0)	LOW	QPSK	14.93	14.91	14.84	16.50
	1 (RB_Pos:0)	LOW	16QAM	15.21	15.34	15.24	16.50
	1 (RB_Pos:25)	MIDDLE	16QAM	15.18	15.37	15.12	16.50
	1 (RB_Pos:49)	HIGH	16QAM	15.20	15.37	15.21	16.50
	25 (RB_Pos:0)	LOW	16QAM	14.56	14.61	14.53	16.50
	25 (RB_Pos:12)	MIDDLE	16QAM	14.60	14.62	14.52	16.50
	25 (RB_Pos:25)	HIGH	16QAM	14.55	14.58	14.47	16.50
	50 (RB_Pos:0)	LOW	16QAM	14.55	14.54	14.54	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.33	15.55	15.32	16.50
	1 (RB_Pos:25)	MIDDLE	64QAM	15.31	15.56	15.11	16.50
	1 (RB_Pos:49)	HIGH	64QAM	15.22	15.58	15.54	16.50
	25 (RB_Pos:0)	LOW	64QAM	15.34	15.28	15.02	16.50
	25 (RB_Pos:12)	MIDDLE	64QAM	15.29	15.09	15.33	16.50
	25 (RB_Pos:25)	HIGH	64QAM	15.15	14.98	14.82	16.50
	50 (RB_Pos:0)	LOW	64QAM	15.25	15.19	15.00	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37825	38000	38175	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	15.92	15.88	15.88	16.50
	1 (RB_Pos:38)	MIDDLE	QPSK	15.86	15.93	15.90	16.50
	1 (RB_Pos:74)	HIGH	QPSK	15.94	15.78	15.81	16.50
	36 (RB_Pos:0)	LOW	QPSK	14.88	14.91	14.87	16.50
	36 (RB_Pos:20)	MIDDLE	QPSK	14.89	14.99	14.92	16.50
	36 (RB_Pos:39)	HIGH	QPSK	15.01	14.97	14.88	16.50
	75 (RB_Pos:0)	LOW	QPSK	15.00	14.92	14.86	16.50
	1 (RB_Pos:0)	LOW	16QAM	15.25	15.41	15.22	16.50
	1 (RB_Pos:38)	MIDDLE	16QAM	15.18	15.36	15.18	16.50
	1 (RB_Pos:74)	HIGH	16QAM	15.26	15.28	15.08	16.50
	36 (RB_Pos:0)	LOW	16QAM	14.51	14.59	14.50	16.50
	36 (RB_Pos:20)	MIDDLE	16QAM	14.63	14.61	14.52	16.50
	36 (RB_Pos:39)	HIGH	16QAM	14.68	14.58	14.54	16.50
	75 (RB_Pos:0)	LOW	16QAM	14.70	14.64	14.56	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.42	15.79	15.49	16.50
	1 (RB_Pos:38)	MIDDLE	64QAM	15.49	15.71	15.30	16.50
	1 (RB_Pos:74)	HIGH	64QAM	15.65	15.62	15.43	16.50
	36 (RB_Pos:0)	LOW	64QAM	15.30	15.24	15.29	16.50
	36 (RB_Pos:20)	MIDDLE	64QAM	15.31	15.01	14.97	16.50
	36 (RB_Pos:39)	HIGH	64QAM	15.08	15.15	15.13	16.50
	75 (RB_Pos:0)	LOW	64QAM	15.11	15.09	15.11	16.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37850	38000	38150	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	15.89	15.86	15.86	16.50
	1 (RB_Pos:50)	MIDDLE	QPSK	15.82	15.84	15.80	16.50
	1 (RB_Pos:99)	HIGH	QPSK	**15.96**	15.93	15.92	16.50

	50 (RB_Pos:0)	LOW	QPSK	14.95	14.93	14.90	16.50
	50 (RB_Pos:25)	MIDDLE	QPSK	15.09	14.98	14.92	16.50
	50 (RB_Pos:50)	HIGH	QPSK	15.08	14.92	14.84	16.50
	100 (RB_Pos:0)	LOW	QPSK	15.07	14.92	14.89	16.50
	1 (RB_Pos:0)	LOW	16QAM	15.21	15.14	15.04	16.50
	1 (RB_Pos:50)	MIDDLE	16QAM	15.19	15.13	15.16	16.50
	1 (RB_Pos:99)	HIGH	16QAM	15.22	14.95	15.16	16.50
	50 (RB_Pos:0)	LOW	16QAM	14.61	14.63	14.65	16.50
	50 (RB_Pos:25)	MIDDLE	16QAM	14.75	14.68	14.60	16.50
	50 (RB_Pos:50)	HIGH	16QAM	14.70	14.58	14.53	16.50
	100 (RB_Pos:0)	LOW	16QAM	14.70	14.60	14.54	16.50
	1 (RB_Pos:0)	LOW	64QAM	15.20	15.37	15.41	16.50
	1 (RB_Pos:50)	MIDDLE	64QAM	15.56	15.55	15.32	16.50
	1 (RB_Pos:99)	HIGH	64QAM	15.44	15.38	15.52	16.50
	50 (RB_Pos:0)	LOW	64QAM	15.18	15.39	15.29	16.50
	50 (RB_Pos:25)	MIDDLE	64QAM	15.36	15.09	15.02	16.50
	50 (RB_Pos:50)	HIGH	64QAM	15.01	15.20	15.12	16.50
	100 (RB_Pos:0)	LOW	64QAM	15.00	15.22	14.87	16.50

8.6.40 Power Reduced Level 5&6 of LTE Band 38

TDD LTE Band 38							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37775	38000	38225	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.57	22.65	22.52	23.50
	1 (RB_Pos:13)	MIDDLE	QPSK	22.63	22.51	22.46	23.50
	1 (RB_Pos:24)	HIGH	QPSK	22.57	22.59	22.58	23.50
	12 (RB_Pos:0)	LOW	QPSK	21.61	21.62	21.44	22.50
	12 (RB_Pos:6)	MIDDLE	QPSK	21.64	21.68	21.43	22.50
	12 (RB_Pos:13)	HIGH	QPSK	21.66	21.60	21.49	22.50
	25 (RB_Pos:0)	LOW	QPSK	21.56	21.58	21.48	22.50
	1 (RB_Pos:0)	LOW	16QAM	21.88	21.94	21.88	22.50
	1 (RB_Pos:13)	MIDDLE	16QAM	21.95	21.95	21.91	22.50
	1 (RB_Pos:24)	HIGH	16QAM	21.93	21.94	21.90	22.50
	12 (RB_Pos:0)	LOW	16QAM	20.75	20.72	20.66	21.50
	12 (RB_Pos:6)	MIDDLE	16QAM	20.76	20.69	20.70	21.50
	12 (RB_Pos:13)	HIGH	16QAM	20.76	20.76	20.64	21.50
	25 (RB_Pos:0)	LOW	16QAM	20.73	20.74	20.57	21.50
	1 (RB_Pos:0)	LOW	64QAM	20.85	21.05	21.09	21.50
	1 (RB_Pos:13)	MIDDLE	64QAM	21.19	21.20	20.95	21.50
	1 (RB_Pos:24)	HIGH	64QAM	21.14	21.01	21.14	21.50
	12 (RB_Pos:0)	LOW	64QAM	19.97	20.17	20.08	20.50
	12 (RB_Pos:6)	MIDDLE	64QAM	20.15	19.87	19.78	20.50
	12 (RB_Pos:13)	HIGH	64QAM	19.81	20.04	19.94	20.50

	25 (RB_Pos:0)	LOW	64QAM	19.79	20.02	19.68	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37800	38000	38200	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.53	22.66	22.56	23.50
	1 (RB_Pos:25)	MIDDLE	QPSK	22.55	22.65	22.42	23.50
	1 (RB_Pos:49)	HIGH	QPSK	22.52	22.61	22.47	23.50
	25 (RB_Pos:0)	LOW	QPSK	21.59	21.66	21.56	22.50
	25 (RB_Pos:12)	MIDDLE	QPSK	21.67	21.66	21.54	22.50
	25 (RB_Pos:25)	HIGH	QPSK	21.59	21.60	21.51	22.50
	50 (RB_Pos:0)	LOW	QPSK	21.63	21.65	21.56	22.50
	1 (RB_Pos:0)	LOW	16QAM	21.91	21.99	21.96	22.50
	1 (RB_Pos:25)	MIDDLE	16QAM	21.87	22.11	21.87	22.50
	1 (RB_Pos:49)	HIGH	16QAM	21.92	22.05	21.94	22.50
	25 (RB_Pos:0)	LOW	16QAM	20.72	20.72	20.66	21.50
	25 (RB_Pos:12)	MIDDLE	16QAM	20.77	20.78	20.74	21.50
	25 (RB_Pos:25)	HIGH	16QAM	20.74	20.77	20.60	21.50
	50 (RB_Pos:0)	LOW	16QAM	20.74	20.73	20.68	21.50
	1 (RB_Pos:0)	LOW	64QAM	20.99	21.21	20.99	21.50
	1 (RB_Pos:25)	MIDDLE	64QAM	21.03	21.26	20.81	21.50
	1 (RB_Pos:49)	HIGH	64QAM	20.86	21.22	21.21	21.50
	25 (RB_Pos:0)	LOW	64QAM	20.16	20.10	19.83	20.50
	25 (RB_Pos:12)	MIDDLE	64QAM	20.09	19.92	20.15	20.50
	25 (RB_Pos:25)	HIGH	64QAM	19.99	19.73	19.61	20.50
	50 (RB_Pos:0)	LOW	64QAM	20.01	19.98	19.82	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37825	38000	38175	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.64	22.64	22.57	23.50
	1 (RB_Pos:38)	MIDDLE	QPSK	22.60	22.65	22.61	23.50
	1 (RB_Pos:74)	HIGH	QPSK	22.65	22.51	22.52	23.50
	36 (RB_Pos:0)	LOW	QPSK	21.62	21.67	21.57	22.50
	36 (RB_Pos:20)	MIDDLE	QPSK	21.61	21.73	21.57	22.50
	36 (RB_Pos:39)	HIGH	QPSK	21.74	21.65	21.60	22.50
	75 (RB_Pos:0)	LOW	QPSK	21.72	21.62	21.61	22.50
	1 (RB_Pos:0)	LOW	16QAM	21.94	22.09	21.93	22.50
	1 (RB_Pos:38)	MIDDLE	16QAM	21.91	22.11	21.92	22.50
	1 (RB_Pos:74)	HIGH	16QAM	21.95	21.98	21.76	22.50
	36 (RB_Pos:0)	LOW	16QAM	20.69	20.78	20.72	21.50
	36 (RB_Pos:20)	MIDDLE	16QAM	20.76	20.74	20.70	21.50
	36 (RB_Pos:39)	HIGH	16QAM	20.78	20.72	20.72	21.50
	75 (RB_Pos:0)	LOW	16QAM	20.87	20.77	20.69	21.50
	1 (RB_Pos:0)	LOW	64QAM	21.11	21.46	21.13	21.50
	1 (RB_Pos:38)	MIDDLE	64QAM	21.16	21.39	20.98	21.50
	1 (RB_Pos:74)	HIGH	64QAM	21.32	21.28	21.13	21.50

	36 (RB_Pos:0)	LOW	64QAM	20.07	20.03	20.14	20.50
	36 (RB_Pos:20)	MIDDLE	64QAM	20.10	19.84	19.80	20.50
	36 (RB_Pos:39)	HIGH	64QAM	19.90	19.93	19.91	20.50
	75 (RB_Pos:0)	LOW	64QAM	19.92	19.91	19.91	20.50
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			37850	38000	38150	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	22.58	22.60	22.54	23.50
	1 (RB_Pos:50)	MIDDLE	QPSK	22.55	22.57	22.49	23.50
	1 (RB_Pos:99)	HIGH	QPSK	**22.70**	22.65	22.57	23.50
	50 (RB_Pos:0)	LOW	QPSK	21.68	21.68	21.61	22.50
	50 (RB_Pos:25)	MIDDLE	QPSK	21.79	21.70	21.61	22.50
	50 (RB_Pos:50)	HIGH	QPSK	21.75	21.63	21.60	22.50
	100 (RB_Pos:0)	LOW	QPSK	21.78	21.61	21.55	22.50
	1 (RB_Pos:0)	LOW	16QAM	21.94	21.85	22.01	22.50
	1 (RB_Pos:50)	MIDDLE	16QAM	21.92	21.84	21.93	22.50
	1 (RB_Pos:99)	HIGH	16QAM	21.97	21.70	21.85	22.50
	50 (RB_Pos:0)	LOW	16QAM	20.80	20.81	20.80	21.50
	50 (RB_Pos:25)	MIDDLE	16QAM	20.88	20.82	20.75	21.50
	50 (RB_Pos:50)	HIGH	16QAM	20.83	20.78	20.68	21.50
	100 (RB_Pos:0)	LOW	16QAM	20.87	20.82	20.67	21.50
	1 (RB_Pos:0)	LOW	64QAM	21.26	20.78	21.14	21.50
	1 (RB_Pos:50)	MIDDLE	64QAM	21.30	20.76	21.30	21.50
	1 (RB_Pos:99)	HIGH	64QAM	21.26	20.73	21.17	21.50
	50 (RB_Pos:0)	LOW	64QAM	20.17	20.04	20.22	20.50
	50 (RB_Pos:25)	MIDDLE	64QAM	20.31	19.96	19.97	20.50
	50 (RB_Pos:50)	HIGH	64QAM	20.21	20.13	19.89	20.50
	100 (RB_Pos:0)	LOW	64QAM	20.01	19.86	19.70	20.50

8.6.41 Power Reduced Level 1 of LTE Band 41

TDD LTE Band 41							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40065	40765	41215	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	18.37	18.42	18.32	18.80
	1 (RB_Pos:13)	MIDDLE	QPSK	18.33	18.39	18.33	18.80
	1 (RB_Pos:24)	HIGH	QPSK	18.27	18.27	18.34	18.80
	12 (RB_Pos:0)	LOW	QPSK	17.45	17.35	17.24	18.80
	12 (RB_Pos:6)	MIDDLE	QPSK	17.53	17.29	17.32	18.80
	12 (RB_Pos:13)	HIGH	QPSK	17.51	17.34	17.28	18.80
	25 (RB_Pos:0)	LOW	QPSK	17.44	17.26	17.26	18.80
	1 (RB_Pos:0)	LOW	16QAM	17.74	17.68	17.75	18.80
	1 (RB_Pos:13)	MIDDLE	16QAM	17.86	17.66	17.85	18.80
	1 (RB_Pos:24)	HIGH	16QAM	17.68	17.58	17.70	18.80

	12 (RB_Pos:0)	LOW	16QAM	17.25	17.07	17.12	18.80
	12 (RB_Pos:6)	MIDDLE	16QAM	17.29	17.09	17.17	18.80
	12 (RB_Pos:13)	HIGH	16QAM	17.22	17.05	17.15	18.80
	25 (RB_Pos:0)	LOW	16QAM	17.25	17.10	17.04	18.80
	1 (RB_Pos:0)	LOW	64QAM	17.14	16.84	17.00	18.80
	1 (RB_Pos:13)	MIDDLE	64QAM	17.07	17.10	17.40	18.80
	1 (RB_Pos:24)	HIGH	64QAM	17.00	16.85	16.84	18.80
	12 (RB_Pos:0)	LOW	64QAM	17.31	16.93	17.20	18.80
	12 (RB_Pos:6)	MIDDLE	64QAM	17.28	16.84	17.16	18.80
	12 (RB_Pos:13)	HIGH	64QAM	16.85	17.01	16.89	18.80
	25 (RB_Pos:0)	LOW	64QAM	16.81	16.92	16.89	18.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40090	40765	41190	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	18.38	18.34	18.23	18.80
	1 (RB_Pos:25)	MIDDLE	QPSK	18.37	18.30	18.33	18.80
	1 (RB_Pos:49)	HIGH	QPSK	18.34	18.25	18.34	18.80
	25 (RB_Pos:0)	LOW	QPSK	17.49	17.33	17.27	18.80
	25 (RB_Pos:12)	MIDDLE	QPSK	17.46	17.35	17.32	18.80
	25 (RB_Pos:25)	HIGH	QPSK	17.41	17.40	17.31	18.80
	50 (RB_Pos:0)	LOW	QPSK	17.48	17.31	17.28	18.80
	1 (RB_Pos:0)	LOW	16QAM	17.70	17.77	17.66	18.80
	1 (RB_Pos:25)	MIDDLE	16QAM	17.70	17.70	17.71	18.80
	1 (RB_Pos:49)	HIGH	16QAM	17.78	17.66	17.73	18.80
	25 (RB_Pos:0)	LOW	16QAM	17.18	17.04	17.05	18.80
	25 (RB_Pos:12)	MIDDLE	16QAM	17.23	17.13	17.15	18.80
	25 (RB_Pos:25)	HIGH	16QAM	17.15	17.10	17.08	18.80
	50 (RB_Pos:0)	LOW	16QAM	17.19	17.10	17.09	18.80
	1 (RB_Pos:0)	LOW	64QAM	16.94	17.19	16.99	18.80
	1 (RB_Pos:25)	MIDDLE	64QAM	16.90	16.99	16.83	18.80
	1 (RB_Pos:49)	HIGH	64QAM	17.06	16.81	17.07	18.80
	25 (RB_Pos:0)	LOW	64QAM	17.12	17.24	17.11	18.80
	25 (RB_Pos:12)	MIDDLE	64QAM	16.94	16.89	16.91	18.80
	25 (RB_Pos:25)	HIGH	64QAM	16.90	16.99	16.84	18.80
	50 (RB_Pos:0)	LOW	64QAM	16.98	16.89	16.96	18.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40115	40765	41165	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	18.29	18.36	18.30	18.80
	1 (RB_Pos:38)	MIDDLE	QPSK	18.31	18.34	18.29	18.80
	1 (RB_Pos:74)	HIGH	QPSK	18.35	18.20	18.28	18.80
	36 (RB_Pos:0)	LOW	QPSK	17.47	17.37	17.23	18.80
	36 (RB_Pos:20)	MIDDLE	QPSK	17.50	17.41	17.24	18.80
	36 (RB_Pos:39)	HIGH	QPSK	17.41	17.37	17.24	18.80
	75 (RB_Pos:0)	LOW	QPSK	17.41	17.37	17.26	18.80

	1 (RB_Pos:0)	LOW	16QAM	17.79	17.80	17.62	18.80
	1 (RB_Pos:38)	MIDDLE	16QAM	17.67	17.74	17.57	18.80
	1 (RB_Pos:74)	HIGH	16QAM	17.69	17.66	17.59	18.80
	36 (RB_Pos:0)	LOW	16QAM	17.19	17.10	17.06	18.80
	36 (RB_Pos:20)	MIDDLE	16QAM	17.19	17.11	17.05	18.80
	36 (RB_Pos:39)	HIGH	16QAM	17.20	17.10	17.04	18.80
	75 (RB_Pos:0)	LOW	16QAM	17.27	17.14	16.99	18.80
	1 (RB_Pos:0)	LOW	64QAM	17.03	17.06	17.12	18.80
	1 (RB_Pos:38)	MIDDLE	64QAM	16.92	17.14	17.09	18.80
	1 (RB_Pos:74)	HIGH	64QAM	16.96	16.95	16.87	18.80
	36 (RB_Pos:0)	LOW	64QAM	16.87	17.02	16.98	18.80
	36 (RB_Pos:20)	MIDDLE	64QAM	16.99	17.12	16.97	18.80
	36 (RB_Pos:39)	HIGH	64QAM	17.09	17.10	17.13	18.80
	75 (RB_Pos:0)	LOW	64QAM	16.96	16.82	16.87	18.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40140	40765	41140	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	**18.43**	18.32	18.36	18.80
	1 (RB_Pos:50)	MIDDLE	QPSK	18.36	18.29	18.32	18.80
	1 (RB_Pos:99)	HIGH	QPSK	18.42	18.23	18.35	18.80
	50 (RB_Pos:0)	LOW	QPSK	17.79	17.71	17.69	18.80
	50 (RB_Pos:25)	MIDDLE	QPSK	17.72	17.68	17.57	18.80
	50 (RB_Pos:50)	HIGH	QPSK	17.70	17.63	17.55	18.80
	100 (RB_Pos:0)	LOW	QPSK	17.73	17.65	17.66	18.80
	1 (RB_Pos:0)	LOW	16QAM	17.76	17.50	17.80	18.80
	1 (RB_Pos:50)	MIDDLE	16QAM	17.79	17.53	17.69	18.80
	1 (RB_Pos:99)	HIGH	16QAM	17.69	17.46	17.69	18.80
	50 (RB_Pos:0)	LOW	16QAM	17.21	17.10	17.18	18.80
	50 (RB_Pos:25)	MIDDLE	16QAM	17.21	17.10	17.14	18.80
	50 (RB_Pos:50)	HIGH	16QAM	17.22	17.15	17.09	18.80
	100 (RB_Pos:0)	LOW	16QAM	17.21	17.13	17.16	18.80
	1 (RB_Pos:0)	LOW	64QAM	17.16	17.03	17.31	18.80
	1 (RB_Pos:50)	MIDDLE	64QAM	17.26	17.00	17.16	18.80
	1 (RB_Pos:99)	HIGH	64QAM	16.97	16.95	17.04	18.80
	50 (RB_Pos:0)	LOW	64QAM	17.06	17.19	17.20	18.80
	50 (RB_Pos:25)	MIDDLE	64QAM	16.88	16.93	17.06	18.80
	50 (RB_Pos:50)	HIGH	64QAM	16.88	17.01	16.98	18.80
	100 (RB_Pos:0)	LOW	64QAM	16.89	16.85	16.85	18.80

8.6.42 Power Reduced Level 2&3 of LTE Band 41

TDD LTE Band 41							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40065	40765	41215	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	16.49	16.46	16.32	16.80
	1 (RB_Pos:13)	MIDDLE	QPSK	16.44	16.41	16.35	16.80
	1 (RB_Pos:24)	HIGH	QPSK	16.33	16.32	16.32	16.80
	12 (RB_Pos:0)	LOW	QPSK	15.57	15.35	15.25	16.80
	12 (RB_Pos:6)	MIDDLE	QPSK	15.60	15.33	15.32	16.80
	12 (RB_Pos:13)	HIGH	QPSK	15.58	15.35	15.27	16.80
	25 (RB_Pos:0)	LOW	QPSK	15.54	15.30	15.27	16.80
	1 (RB_Pos:0)	LOW	16QAM	15.87	15.71	15.73	16.80
	1 (RB_Pos:13)	MIDDLE	16QAM	15.95	15.73	15.80	16.80
	1 (RB_Pos:24)	HIGH	16QAM	15.83	15.62	15.69	16.80
	12 (RB_Pos:0)	LOW	16QAM	16.30	16.09	16.12	16.80
	12 (RB_Pos:6)	MIDDLE	16QAM	16.35	16.09	16.12	16.80
	12 (RB_Pos:13)	HIGH	16QAM	16.21	16.03	16.15	16.80
	25 (RB_Pos:0)	LOW	16QAM	16.25	16.14	15.99	16.80
	1 (RB_Pos:0)	LOW	64QAM	16.30	15.80	15.97	16.80
	1 (RB_Pos:13)	MIDDLE	64QAM	16.28	16.09	16.36	16.80
	1 (RB_Pos:24)	HIGH	64QAM	16.12	15.75	15.85	16.80
	12 (RB_Pos:0)	LOW	64QAM	16.49	16.11	16.38	16.80
	12 (RB_Pos:6)	MIDDLE	64QAM	16.46	16.01	16.35	16.80
	12 (RB_Pos:13)	HIGH	64QAM	16.03	16.20	15.89	16.80
	25 (RB_Pos:0)	LOW	64QAM	15.89	16.07	15.88	16.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40090	40765	41190	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	16.48	16.42	16.26	16.80
	1 (RB_Pos:25)	MIDDLE	QPSK	16.52	16.37	16.36	16.80
	1 (RB_Pos:49)	HIGH	QPSK	16.50	16.31	16.35	16.80
	25 (RB_Pos:0)	LOW	QPSK	15.58	15.38	15.31	16.80
	25 (RB_Pos:12)	MIDDLE	QPSK	15.57	15.42	15.32	16.80
	25 (RB_Pos:25)	HIGH	QPSK	15.52	15.43	15.25	16.80
	50 (RB_Pos:0)	LOW	QPSK	15.53	15.35	15.32	16.80
	1 (RB_Pos:0)	LOW	16QAM	15.80	15.77	15.72	16.80
	1 (RB_Pos:25)	MIDDLE	16QAM	15.81	15.77	15.71	16.80
	1 (RB_Pos:49)	HIGH	16QAM	15.87	15.69	15.72	16.80
	25 (RB_Pos:0)	LOW	16QAM	16.18	16.08	16.08	16.80
	25 (RB_Pos:12)	MIDDLE	16QAM	16.22	16.11	16.12	16.80
	25 (RB_Pos:25)	HIGH	16QAM	16.21	16.13	16.08	16.80
	50 (RB_Pos:0)	LOW	16QAM	16.22	16.09	16.10	16.80
	1 (RB_Pos:0)	LOW	64QAM	16.14	16.19	16.00	16.80
	1 (RB_Pos:25)	MIDDLE	64QAM	16.10	15.99	15.82	16.80

	1 (RB_Pos:49)	HIGH	64QAM	16.20	15.79	16.07	16.80
	25 (RB_Pos:0)	LOW	64QAM	16.26	15.99	15.95	16.80
	25 (RB_Pos:12)	MIDDLE	64QAM	16.14	16.12	16.07	16.80
	25 (RB_Pos:25)	HIGH	64QAM	16.07	16.14	15.98	16.80
	50 (RB_Pos:0)	LOW	64QAM	16.15	15.85	16.12	16.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40115	40765	41165	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	16.44	16.44	16.25	16.80
	1 (RB_Pos:38)	MIDDLE	QPSK	16.41	16.44	16.27	16.80
	1 (RB_Pos:74)	HIGH	QPSK	16.48	16.28	16.24	16.80
	36 (RB_Pos:0)	LOW	QPSK	15.56	15.37	15.28	16.80
	36 (RB_Pos:20)	MIDDLE	QPSK	15.60	15.43	15.29	16.80
	36 (RB_Pos:39)	HIGH	QPSK	15.54	15.38	15.29	16.80
	75 (RB_Pos:0)	LOW	QPSK	15.56	15.45	15.27	16.80
	1 (RB_Pos:0)	LOW	16QAM	15.87	15.86	15.61	16.80
	1 (RB_Pos:38)	MIDDLE	16QAM	15.78	15.78	15.62	16.80
	1 (RB_Pos:74)	HIGH	16QAM	15.81	15.73	15.61	16.80
	36 (RB_Pos:0)	LOW	16QAM	16.21	16.09	16.07	16.80
	36 (RB_Pos:20)	MIDDLE	16QAM	16.23	16.15	16.06	16.80
	36 (RB_Pos:39)	HIGH	16QAM	16.19	16.14	16.07	16.80
	75 (RB_Pos:0)	LOW	16QAM	16.26	16.14	16.02	16.80
	1 (RB_Pos:0)	LOW	64QAM	16.24	16.06	16.09	16.80
	1 (RB_Pos:38)	MIDDLE	64QAM	16.09	16.10	16.05	16.80
	1 (RB_Pos:74)	HIGH	64QAM	16.11	15.98	15.71	16.80
	36 (RB_Pos:0)	LOW	64QAM	16.03	16.23	15.95	16.80
	36 (RB_Pos:20)	MIDDLE	64QAM	16.14	16.30	16.14	16.80
	36 (RB_Pos:39)	HIGH	64QAM	16.27	15.92	15.92	16.80
	75 (RB_Pos:0)	LOW	64QAM	16.16	16.00	16.01	16.80
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40140	40765	41140	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	**16.55**	16.38	16.40	16.80
	1 (RB_Pos:50)	MIDDLE	QPSK	16.47	16.29	16.30	16.80
	1 (RB_Pos:99)	HIGH	QPSK	16.51	16.21	16.33	16.80
	50 (RB_Pos:0)	LOW	QPSK	15.91	15.72	15.70	16.80
	50 (RB_Pos:25)	MIDDLE	QPSK	15.90	15.74	15.58	16.80
	50 (RB_Pos:50)	HIGH	QPSK	15.82	15.72	15.54	16.80
	100 (RB_Pos:0)	LOW	QPSK	15.85	15.70	15.74	16.80
	1 (RB_Pos:0)	LOW	16QAM	15.88	15.58	15.80	16.80
	1 (RB_Pos:50)	MIDDLE	16QAM	15.89	15.59	15.73	16.80
	1 (RB_Pos:99)	HIGH	16QAM	15.85	15.47	15.70	16.80
	50 (RB_Pos:0)	LOW	16QAM	16.19	16.08	16.17	16.80
	50 (RB_Pos:25)	MIDDLE	16QAM	16.21	16.14	16.10	16.80
	50 (RB_Pos:50)	HIGH	16QAM	16.22	16.16	16.09	16.80

	100 (RB_Pos:0)	LOW	16QAM	16.19	16.12	16.14	16.80
	1 (RB_Pos:0)	LOW	64QAM	16.34	16.06	16.31	16.80
	1 (RB_Pos:50)	MIDDLE	64QAM	16.44	16.00	16.14	16.80
	1 (RB_Pos:99)	HIGH	64QAM	16.12	15.92	16.05	16.80
	50 (RB_Pos:0)	LOW	64QAM	16.20	16.37	16.36	16.80
	50 (RB_Pos:25)	MIDDLE	64QAM	16.09	16.11	16.24	16.80
	50 (RB_Pos:50)	HIGH	64QAM	15.94	16.17	16.19	16.80
	100 (RB_Pos:0)	LOW	64QAM	15.93	15.96	15.94	16.80

8.6.43 Power Reduced Level 5&6 of LTE Band 41

TDD LTE Band 41							
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40065	40765	41215	Tune up limit (dBm)
5 MHz	1 (RB_Pos:0)	LOW	QPSK	22.67	22.68	22.63	23.30
	1 (RB_Pos:13)	MIDDLE	QPSK	22.58	22.68	22.57	23.30
	1 (RB_Pos:24)	HIGH	QPSK	22.53	22.51	22.64	23.30
	12 (RB_Pos:0)	LOW	QPSK	21.74	21.59	21.54	22.30
	12 (RB_Pos:6)	MIDDLE	QPSK	21.76	21.61	21.60	22.30
	12 (RB_Pos:13)	HIGH	QPSK	21.79	21.64	21.55	22.30
	25 (RB_Pos:0)	LOW	QPSK	21.74	21.55	21.56	22.30
	1 (RB_Pos:0)	LOW	16QAM	22.01	21.94	22.05	22.30
	1 (RB_Pos:13)	MIDDLE	16QAM	22.15	21.98	22.07	22.30
	1 (RB_Pos:24)	HIGH	16QAM	21.99	21.82	21.97	22.30
	12 (RB_Pos:0)	LOW	16QAM	20.92	20.67	20.77	21.30
	12 (RB_Pos:6)	MIDDLE	16QAM	20.91	20.69	20.76	21.30
	12 (RB_Pos:13)	HIGH	16QAM	20.85	20.67	20.72	21.30
	25 (RB_Pos:0)	LOW	16QAM	20.83	20.74	20.60	21.30
	1 (RB_Pos:0)	LOW	64QAM	21.18	20.91	21.02	21.30
	1 (RB_Pos:13)	MIDDLE	64QAM	21.14	21.15	21.21	21.30
	1 (RB_Pos:24)	HIGH	64QAM	21.01	20.87	20.88	21.30
	12 (RB_Pos:0)	LOW	64QAM	20.22	19.97	20.24	20.30
	12 (RB_Pos:6)	MIDDLE	64QAM	20.27	19.89	20.20	20.30
	12 (RB_Pos:13)	HIGH	64QAM	19.94	20.05	19.79	20.30
	25 (RB_Pos:0)	LOW	64QAM	19.74	19.96	19.72	20.30
Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40090	40765	41190	Tune up limit (dBm)
10 MHz	1 (RB_Pos:0)	LOW	QPSK	22.68	22.60	22.51	23.30
	1 (RB_Pos:25)	MIDDLE	QPSK	22.70	22.60	22.65	23.30
	1 (RB_Pos:49)	HIGH	QPSK	22.67	22.57	22.59	23.30
	25 (RB_Pos:0)	LOW	QPSK	21.72	21.59	21.55	22.30
	25 (RB_Pos:12)	MIDDLE	QPSK	21.74	21.67	21.59	22.30
	25 (RB_Pos:25)	HIGH	QPSK	21.69	21.65	21.53	22.30

	50 (RB_Pos:0)	LOW	QPSK	21.70	21.63	21.57	22.30
	1 (RB_Pos:0)	LOW	16QAM	21.98	22.04	21.96	22.30
	1 (RB_Pos:25)	MIDDLE	16QAM	21.96	22.00	21.95	22.30
	1 (RB_Pos:49)	HIGH	16QAM	22.05	21.95	21.99	22.30
	25 (RB_Pos:0)	LOW	16QAM	20.84	20.65	20.67	21.30
	25 (RB_Pos:12)	MIDDLE	16QAM	20.88	20.73	20.76	21.30
	25 (RB_Pos:25)	HIGH	16QAM	20.83	20.71	20.70	21.30
	50 (RB_Pos:0)	LOW	16QAM	20.80	20.76	20.72	21.30
	1 (RB_Pos:0)	LOW	64QAM	21.04	21.22	21.03	21.30
	1 (RB_Pos:25)	MIDDLE	64QAM	20.98	21.11	20.87	21.30
	1 (RB_Pos:49)	HIGH	64QAM	21.07	20.89	21.13	21.30
	25 (RB_Pos:0)	LOW	64QAM	20.16	19.86	19.78	20.30
	25 (RB_Pos:12)	MIDDLE	64QAM	20.01	19.93	19.97	20.30
	25 (RB_Pos:25)	HIGH	64QAM	19.92	20.00	19.89	20.30
	50 (RB_Pos:0)	LOW	64QAM	20.02	19.73	20.02	20.30

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40115	40765	41165	Tune up limit (dBm)
15 MHz	1 (RB_Pos:0)	LOW	QPSK	22.58	22.67	22.56	23.30
	1 (RB_Pos:38)	MIDDLE	QPSK	22.56	22.65	22.59	23.30
	1 (RB_Pos:74)	HIGH	QPSK	22.63	22.53	22.52	23.30
	36 (RB_Pos:0)	LOW	QPSK	21.73	21.65	21.55	22.30
	36 (RB_Pos:20)	MIDDLE	QPSK	21.74	21.71	21.56	22.30
	36 (RB_Pos:39)	HIGH	QPSK	21.70	21.62	21.53	22.30
	75 (RB_Pos:0)	LOW	QPSK	21.72	21.65	21.52	22.30
	1 (RB_Pos:0)	LOW	16QAM	22.05	22.11	21.89	22.30
	1 (RB_Pos:38)	MIDDLE	16QAM	21.94	22.05	21.88	22.30
	1 (RB_Pos:74)	HIGH	16QAM	21.99	21.91	21.86	22.30
	36 (RB_Pos:0)	LOW	16QAM	20.82	20.76	20.69	21.30
	36 (RB_Pos:20)	MIDDLE	16QAM	20.80	20.76	20.71	21.30
	36 (RB_Pos:39)	HIGH	16QAM	20.83	20.72	20.67	21.30
	75 (RB_Pos:0)	LOW	16QAM	20.90	20.72	20.63	21.30
	1 (RB_Pos:0)	LOW	64QAM	21.14	21.13	21.20	21.30
	1 (RB_Pos:38)	MIDDLE	64QAM	20.98	21.18	21.18	21.30
	1 (RB_Pos:74)	HIGH	64QAM	21.00	21.05	20.78	21.30
	36 (RB_Pos:0)	LOW	64QAM	19.91	20.07	19.79	20.30
	36 (RB_Pos:20)	MIDDLE	64QAM	20.02	20.12	20.04	20.30
	36 (RB_Pos:39)	HIGH	64QAM	20.11	19.80	19.80	20.30
	75 (RB_Pos:0)	LOW	64QAM	20.02	19.88	19.92	20.30

Bandwidth (MHz)	RB Set	RB offest	Modulation	Power (dBm)			
	Channel			40140	40765	41140	Tune up limit (dBm)
20 MHz	1 (RB_Pos:0)	LOW	QPSK	**22.71**	22.64	22.70	23.30
	1 (RB_Pos:50)	MIDDLE	QPSK	22.68	22.58	22.58	23.30
	1 (RB_Pos:99)	HIGH	QPSK	22.68	22.50	22.65	23.30

	50 (RB_Pos:0)	LOW	QPSK	21.80	21.67	21.66	22.30
	50 (RB_Pos:25)	MIDDLE	QPSK	21.79	21.66	21.59	22.30
	50 (RB_Pos:50)	HIGH	QPSK	21.76	21.68	21.58	22.30
	100 (RB_Pos:0)	LOW	QPSK	21.74	21.68	21.72	22.30
	1 (RB_Pos:0)	LOW	16QAM	22.08	21.82	22.09	22.30
	1 (RB_Pos:50)	MIDDLE	16QAM	22.04	21.79	21.96	22.30
	1 (RB_Pos:99)	HIGH	16QAM	21.98	21.72	22.03	22.30
	50 (RB_Pos:0)	LOW	16QAM	20.82	20.74	20.80	21.30
	50 (RB_Pos:25)	MIDDLE	16QAM	20.78	20.76	20.76	21.30
	50 (RB_Pos:50)	HIGH	16QAM	20.78	20.79	20.71	21.30
	100 (RB_Pos:0)	LOW	16QAM	20.85	20.69	20.73	21.30
	1 (RB_Pos:0)	LOW	64QAM	21.21	21.12	21.22	21.30
	1 (RB_Pos:50)	MIDDLE	64QAM	21.02	21.07	21.24	21.30
	1 (RB_Pos:99)	HIGH	64QAM	21.00	21.04	21.16	21.30
	50 (RB_Pos:0)	LOW	64QAM	20.09	20.20	20.23	20.30
	50 (RB_Pos:25)	MIDDLE	64QAM	19.96	20.01	20.15	20.30
	50 (RB_Pos:50)	HIGH	64QAM	19.83	20.04	20.05	20.30
	100 (RB_Pos:0)	LOW	64QAM	19.83	19.84	19.84	20.30

8.6.44 Power Reduced Level 1 of 2.4G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	**13.80**	15.50	Yes
		6	2437	13.10	15.50	No
		11	2462	13.41	15.50	No
	802.11g	1	2412	12.46	13.50	No
		6	2437	11.70	13.50	No
		11	2462	11.96	13.50	No
	802.11n(HT20)	1	2412	11.33	12.50	No
		6	2437	10.68	12.50	No
		11	2462	9.80	11.50	No
	802.11n(HT40)	3	2422	8.68	9.50	No
		6	2437	11.24	12.50	No
		9	2452	7.95	9.00	No

8.6.45 Power Reduced Level 2&3 of 2.4G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	**10.84**	12.50	Yes
		6	2437	10.13	12.50	No
		11	2462	10.45	12.50	No
	802.11g	1	2412	9.50	10.50	No
		6	2437	8.74	10.50	No
		11	2462	9.00	10.50	No
	802.11n(HT20)	1	2412	8.35	9.50	No
		6	2437	7.72	9.50	No
		11	2462	6.85	8.50	No
	802.11n(HT40)	3	2422	5.71	6.50	No
		6	2437	8.29	9.50	No
		9	2452	4.98	6.00	No

8.6.46 Power Reduced Level 5&6 of 2.4G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
2.4 (2.4~2.4835)	802.11b	1	2412	**17.17**	19.00	Yes
		6	2437	16.44	19.00	No
		11	2462	16.78	19.00	No
	802.11g	1	2412	15.84	17.00	No
		6	2437	15.03	17.00	No
		11	2462	15.34	17.00	No
	802.11n(HT20)	1	2412	14.68	16.00	No
		6	2437	14.07	16.00	No
		11	2462	13.19	15.00	No
	802.11n(HT40)	3	2422	12.04	13.00	No
		6	2437	14.61	16.00	No
		9	2452	11.31	12.50	No

8.6.47 Power Reduced Level 1 of 5G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	11.71	13.50	No
		44	5220	11.67	13.50	No
		48	5240	11.56	13.50	No
	802.11n(HT20)	36	5180	11.59	13.50	No
		44	5220	11.53	13.50	No
		48	5240	11.45	12.50	No
	802.11n(HT40)	38	5190	10.82	12.50	No
		46	5230	**11.72**	13.50	Yes
	802.11ac(VHT20)	36	5180	5.73	7.50	No
		44	5220	5.70	7.50	No
		48	5240	5.56	7.50	No
	802.11ac(VHT40)	38	5190	3.94	5.50	No
		46	5230	3.93	5.50	No
	802.11ac(VHT80)	42	5210	2.83	4.50	No
5.3 (5.25~5.35)	802.11a	52	5260	**11.57**	13.50	Yes
		60	5300	11.27	12.50	No
		64	5320	6.27	7.50	No
	802.11n(HT20)	52	5260	10.37	11.50	No
		60	5300	10.15	11.50	No
		64	5320	6.07	7.50	No
	802.11n(HT40)	54	5270	7.64	9.50	No
		62	5310	5.56	7.50	No
	802.11ac(VHT20)	52	5260	5.57	7.50	No
		60	5300	5.25	6.50	No
		64	5320	5.13	6.50	No
	802.11ac(VHT40)	54	5270	3.83	5.50	No
		62	5310	3.35	4.50	No
	802.11ac(VHT80)	58	5290	2.31	3.50	No
5.6 (5.47~5.725)	802.11a	100	5500	8.29	9.50	No
		116	5580	**11.83**	13.50	Yes
		140	5700	8.12	9.50	No
		144	5720	11.15	12.50	No
	802.11n(HT20)	100	5500	8.36	9.50	No
		116	5580	10.13	11.50	No
		140	5700	7.18	8.50	No
		144	5720	10.09	11.50	No
	802.11n(HT40)	102	5510	7.87	9.50	No
		118	5590	7.57	9.50	No
		134	5670	7.73	9.50	No
		142	5710	7.81	9.50	No
	802.11ac(VHT20)	100	5500	5.72	7.50	No
		116	5580	5.29	6.50	No

		140	5700	5.65	7.50	No
		144	5720	5.59	7.50	No
	802.11ac(VHT40)	102	5510	4.07	5.50	No
		118	5590	3.57	5.50	No
		134	5670	4.48	5.50	No
		142	5710	4.02	5.50	No
	802.11ac(VHT80)	106	5530	3.09	4.50	No
		122	5610	2.34	3.50	No
		138	5690	3.23	4.50	No
5.8 (5.725~5.850)	802.11a	149	5745	**10.81**	11.50	Yes
		157	5785	10.48	11.50	No
		165	5825	10.44	11.50	No
	802.11n(HT20)	149	5745	8.78	10.50	No
		157	5785	8.65	10.50	No
		165	5825	8.43	9.50	No
	802.11n(HT40)	151	5755	7.99	9.50	No
		159	5795	7.82	9.50	No
	802.11ac(VHT20)	149	5745	6.00	7.50	No
		157	5785	5.87	7.50	No
		165	5825	5.66	7.50	No
	802.11ac(VHT40)	151	5755	4.29	5.50	No
		159	5795	4.05	5.50	No
	802.11ac(VHT80)	155	5775	2.46	2.50	No

8.6.48 Power Reduced Level 2&3 of 5G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	8.71	10.50	No
		44	5220	8.67	10.50	No
		48	5240	8.56	10.50	No
	802.11n(HT20)	36	5180	8.58	10.50	No
		44	5220	8.53	10.50	No
		48	5240	8.41	9.50	No
	802.11n(HT40)	38	5190	7.77	9.50	No
		46	5230	**8.74**	10.50	Yes
	802.11ac(VHT20)	36	5180	2.70	4.50	No
		44	5220	2.68	4.50	No
		48	5240	2.58	4.50	No
	802.11ac(VHT40)	38	5190	0.93	2.50	No
		46	5230	0.88	2.50	No
	802.11ac(VHT80)	42	5210	8.32	10.00	No
5.3 (5.25~5.35)	802.11a	52	5260	**8.58**	10.50	Yes
		60	5300	8.29	9.50	No
		64	5320	3.25	4.50	No
	802.11n(HT20)	52	5260	7.36	8.50	No
		60	5300	7.11	8.50	No
		64	5320	3.07	4.50	No
	802.11n(HT40)	54	5270	4.63	6.50	No
		62	5310	2.57	4.50	No
	802.11ac(VHT20)	52	5260	2.53	4.50	No
		60	5300	2.21	3.50	No
		64	5320	2.11	3.50	No
	802.11ac(VHT40)	54	5270	0.83	2.50	No
		62	5310	0.32	1.50	No
	802.11ac(VHT80)	58	5290	7.78	9.00	No
5.6 (5.47~5.725)	802.11a	100	5500	5.28	6.50	No
		116	5580	**8.76**	10.50	Yes
		140	5700	5.08	6.50	No
		144	5720	8.12	9.50	No
	802.11n(HT20)	100	5500	5.37	6.50	No
		116	5580	7.13	8.50	No
		140	5700	4.16	5.50	No
		144	5720	7.06	8.50	No
	802.11n(HT40)	102	5510	4.84	6.50	No
		118	5590	4.57	6.50	No
		134	5670	4.71	6.50	No
		142	5710	4.78	6.50	No
	802.11ac(VHT20)	100	5500	2.71	4.50	No
		116	5580	2.28	3.50	No

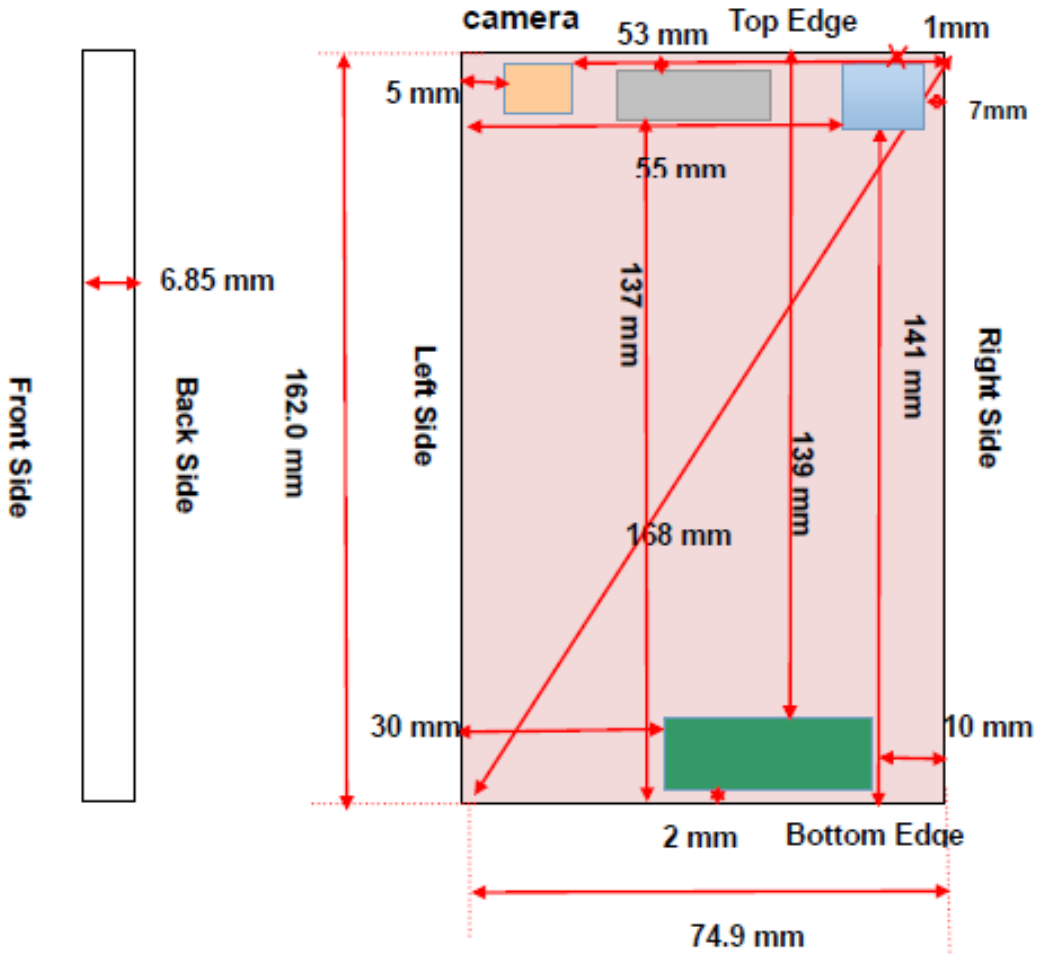
		140	5700	2.63	4.50	No
		144	5720	2.61	4.50	No
	802.11ac(VHT40)	102	5510	1.03	2.50	No
		118	5590	0.57	2.50	No
		134	5670	1.46	2.50	No
		142	5710	1.00	2.50	No
	802.11ac(VHT80)	106	5530	8.58	10.00	No
		122	5610	7.79	9.00	No
		138	5690	8.69	10.00	No
5.8 (5.725~5.850)	802.11a	149	5745	**7.77**	8.50	Yes
		157	5785	7.47	8.50	No
		165	5825	7.44	8.50	No
	802.11n(HT20)	149	5745	5.80	7.50	No
		157	5785	5.63	7.50	No
		165	5825	5.42	6.50	No
	802.11n(HT40)	151	5755	5.00	6.50	No
		159	5795	4.82	6.50	No
	802.11ac(VHT20)	149	5745	3.00	4.50	No
		157	5785	2.89	4.50	No
		165	5825	2.62	4.50	No
	802.11ac(VHT40)	151	5755	1.29	2.50	No
		159	5795	1.04	2.50	No
	802.11ac(VHT80)	155	5775	7.96	8.00	No

8.6.49 Power Reduced Level 5&6 of 5G WIFI

Band (GHz)	Mode	Channel	Freq. (MHz)	Output Power (dBm)	Tune-up Limit (dBm)	SAR Test Require.
5.2 (5.15~5.25)	802.11a	36	5180	16.19	18.00	No
		44	5220	16.16	18.00	No
		48	5240	16.03	18.00	No
	802.11n(HT20)	36	5180	16.06	18.00	No
		44	5220	15.97	18.00	No
		48	5240	15.89	17.00	No
	802.11n(HT40)	38	5190	15.25	17.00	No
		46	5230	**16.17**	18.00	Yes
	802.11ac(VHT20)	36	5180	10.18	12.00	No
		44	5220	10.16	12.00	No
		48	5240	10.03	12.00	No
	802.11ac(VHT40)	38	5190	8.37	10.00	No
		46	5230	8.34	10.00	No
	802.11ac(VHT80)	42	5210	7.30	9.00	No
5.3 (5.25~5.35)	802.11a	52	5260	**16.04**	18.00	Yes
		60	5300	15.71	17.00	No
		64	5320	10.74	12.00	No
	802.11n(HT20)	52	5260	14.79	16.00	No
		60	5300	14.56	16.00	No
		64	5320	10.53	12.00	No
	802.11n(HT40)	54	5270	12.09	14.00	No
		62	5310	10.03	12.00	No
	802.11ac(VHT20)	52	5260	10.00	12.00	No
		60	5300	9.71	11.00	No
		64	5320	9.55	11.00	No
	802.11ac(VHT40)	54	5270	8.29	10.00	No
		62	5310	7.79	9.00	No
	802.11ac(VHT80)	58	5290	6.77	8.00	No
5.6 (5.47~5.725)	802.11a	100	5500	12.73	14.00	No
		116	5580	**16.35**	18.00	Yes
		140	5700	12.55	14.00	No
		144	5720	15.67	17.00	No
	802.11n(HT20)	100	5500	12.83	14.00	No
		116	5580	14.60	16.00	No
		140	5700	11.61	13.00	No
		144	5720	14.54	16.00	No
	802.11n(HT40)	102	5510	12.31	14.00	No
		118	5590	12.04	14.00	No
		134	5670	12.18	14.00	No
		142	5710	12.26	14.00	No
	802.11ac(VHT20)	100	5500	10.17	12.00	No
		116	5580	9.75	11.00	No

		140	5700	10.13	12.00	No
		144	5720	10.04	12.00	No
	802.11ac(VHT40)	102	5510	8.48	10.00	No
		118	5590	8.03	10.00	No
		134	5670	8.91	10.00	No
		142	5710	8.47	10.00	No
	802.11ac(VHT80)	106	5530	7.54	9.00	No
		122	5610	6.76	8.00	No
		138	5690	7.68	9.00	No
5.8 (5.725~5.850)	802.11a	149	5745	**15.27**	16.00	Yes
		157	5785	14.90	16.00	No
		165	5825	14.89	16.00	No
	802.11n(HT20)	149	5745	13.25	15.00	No
		157	5785	13.09	15.00	No
		165	5825	12.89	14.00	No
	802.11n(HT40)	151	5755	12.44	14.00	No
		159	5795	12.30	14.00	No
	802.11ac(VHT20)	149	5745	10.44	12.00	No
		157	5785	10.35	12.00	No
		165	5825	10.08	12.00	No
	802.11ac(VHT40)	151	5755	8.76	10.00	No
		159	5795	8.51	10.00	No
	802.11ac(VHT80)	155	5775	6.93	7.00	No

9 TEST EXCLUSION CONSIDERATION



WWAN Up Antenna

WWAN Down Antenna

GPS Antenna

EUT Back View

WLAN/BT Antenna

9.1 SAR Test Exclusion Consideration Table

According with FCC KDB 447498 D01, Appendix A, <SAR Test Exclusion Thresholds for 100 MHz－6 GHz and ≤ 50 mm> Table, this Device SAR test configurations consider as following :

Up Antenna

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 850	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	Voice	33.50	2238.72	Yes	Yes	No	No	No	No
	Data	30.50	1122.02	Yes	Yes	Yes	Yes	Yes	No
GSM 1900	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	Voice	30.50	1122.02	Yes	Yes	No	No	No	No
	Data	28.50	707.95	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 2	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	RMC	24.30	269.15	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 4	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	RMC	24.30	269.15	Yes	Yes	Yes	Yes	Yes	No
WCDMA Band 5	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	RMC	24.50	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 2	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	Yes	No
LTE Band 4	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	Yes	No
LTE Band 5	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 7	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	23.80	239.88	Yes	Yes	Yes	Yes	Yes	No
LTE Band 12	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 17	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 26	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	Yes	No
LTE Band 66	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	Yes	No
LTE Band 38	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	Yes	No
LTE Band 41	Distance to User			<5mm	<5mm	55mm	7mm	<5mm	141mm
	QPSK	23.80	239.88	Yes	Yes	Yes	Yes	Yes	No
WLAN 2.4 G	Distance to User								
	802.11b	20.00	100.00	Yes	Yes	Yes	Yes	Yes	Yes
	802.11g	18.00	63.10	No	No	No	No	No	No

	802.11n(HT20)	17.00	50.12	No	No	No	No	No	No
	802.11n(HT40)	17.00	50.12	No	No	No	No	No	No
WLAN 5 G	Distance to User			<5mm	<5mm	5mm	53mm	<5mm	141mm
	802.11a	19.00	79.43	Yes	Yes	Yes	Yes	Yes	Yes
	802.11n(HT20)	19.00	79.43	No	No	No	No	No	No
	802.11n(HT40)	19.00	79.43	Yes	Yes	Yes	Yes	Yes	Yes
	802.11ac(VHT20)	13.00	19.95	No	No	No	No	No	No
	802.11ac(VHT40)	11.00	12.59	No	No	No	No	No	No
	802.11ac(VHT80)	10.00	10.00	No	No	No	No	No	No
Bluetooth	Distance to User			<5mm	<5mm	5mm	53mm	<5mm	141mm
	BT	13.00	19.95	Yes	Yes	Yes	Yes	Yes	Yes
	BLE	8.00	6.31	No	No	No	No	No	No

Down Antenna

Band	Mode	Max. Peak Power		Test Position Configurations					
		dBm	mW	Head	Front/ Back	Left Edge	Right Edge	Top Edge	Bottom Edge
GSM 850	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	Voice	33.50	2238.72	Yes	Yes	No	No	No	No
	Data	30.50	1122.02	Yes	Yes	Yes	Yes	No	Yes
GSM 1900	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	Voice	30.50	1122.02	Yes	Yes	No	No	No	No
	Data	28.50	707.95	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 2	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	RMC	24.30	269.15	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 4	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	RMC	24.30	269.15	Yes	Yes	Yes	Yes	No	Yes
WCDMA Band 5	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	RMC	24.50	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 2	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	No	Yes
LTE Band 4	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	No	Yes
LTE Band 5	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 7	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	23.80	239.88	Yes	Yes	Yes	Yes	No	Yes
LTE Band 12	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 17	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	No	Yes
LTE Band 26	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.50	281.84	Yes	Yes	Yes	Yes	No	Yes

LTE Band 66	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	No	Yes
LTE Band 38	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	24.00	251.19	Yes	Yes	Yes	Yes	No	Yes
LTE Band 41	Distance to User			<5mm	<5mm	30mm	10mm	139mm	<5mm
	QPSK	23.80	239.88	Yes	Yes	Yes	Yes	No	Yes

Note:

1. Maximum power is the source-based time-average power and represents the maximum RF output power including tune-up tolerance among production units
2. Per KDB 447498 D01, for larger devices, the test separation distance of adjacent edge configuration is determined by the closest separation between the antenna and the user.
3. Per KDB 447498 D01, standalone SAR test exclusion threshold is applied; If the distance of the antenna to the user is < 5mm, 5mm is used to determine SAR exclusion threshold
4. Per KDB 447498 D01, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
   [(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR
   a. f(GHz) is the RF channel transmit frequency in GHz
   b. Power and distance are rounded to the nearest mW and mm before calculation
   c. The result is rounded to one decimal place for comparison
   d. For < 50 mm distance, we just calculate mW of the exclusion threshold value (3.0) to do compare.

   This formula is [3.0] / [√f(GHz)] ·[(min. test separation distance, mm)] = exclusion threshold of mW.
5. Per KDB 447498 D01, at 100 MHz to 6 GHz and for test separation distances > 50 mm, the SAR test exclusion threshold is determined according to the following
   a. [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·(f(MHz)/150)] mW, at 100 MHz to 1500 MHz
   b. [Threshold at 50 mm in step 1) + (test separation distance - 50 mm)·10] mW at > 1500 MHz and ≤ 6 GHz
6. Per KDB 941225 D01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA /HSUPA /DC-HSDPA output power is < 0.25dB higher than RMC12.2Kbps, or reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA/HSUPA/DC-HSDPA SAR evaluation can be excluded.
7. Per KDB 248227 D01, choose the highest output power channel to test SAR and determine further SAR exclusion.8. For each frequency band, testing at higher data rates and higher order modulations is not required when the maximum average output power for each of these configurations is less than 1/4dB higher than those measured at the lowest data rate
8. Per KDB 248227 D01 SAR is not required for the following 2.4 GHz OFDM conditions.
   a. When KDB Publication 447498 D01 SAR test exclusion applies to the OFDM configuration.
   b. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
9. Per KDB 248227 D01 SAR is not required for the following U-NII-1 and U-NII-2A bands conditions.
   a. When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, each band is tested independently for SAR.
   b. When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg,

SAR is not required for the band with lower maximum output power in that test configuration; otherwise, each band is tested independently for SAR.

9.2 10g Extremity Exposure Consideration

According with FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, unless it is confirmed otherwise through KDB inquiries, the following phablet procedures should be applied to evaluate SAR compliance for each applicable wireless modes and frequency band. Devices marketed as phablets, regardless of form factors and operating characteristics must be tested as a phablet to determine SAR compliance;

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at ≤ 25 mm from that surface or edge, in direct contact with a flat phantom, for 10-g extremity SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg.

Conclusion:
The EUT hotspot mode 1-g reported SAR is 1.088 W/kg, which is less than 1.2 W/kg, 10 g extremity SAR is not required.

10 TEST RESULT

10.1 GSM 850

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
Up	Level1	GPRS (4slots)	Left Cheek	0	190	836.6	0.05	0.585	25.79	26.50	1.178	0.689	/
	Level1		Left Tilt	0	190	836.6	0.05	0.541	25.79	26.50	1.178	0.637	/
	Level1		Right Cheek	0	190	836.6	0.03	0.805	25.79	26.50	1.178	0.948	/
	Level1			0	128	824.2	0.01	0.819	25.63	26.50	1.222	**1.001**	1#
	Level1			0	251	848.8	0.09	0.797	25.60	26.50	1.230	0.981	/
	Level1		Right Tilt	0	190	836.6	-0.01	0.730	25.79	26.50	1.178	0.860	/
Up	Level2&3	GPRS (4slots)	Left Cheek	0	190	836.6	0.06	0.389	23.75	24.50	1.188	0.462	/
	Level2&3		Left Tilt	0	190	836.6	0.07	0.350	23.75	24.50	1.188	0.416	/
	Level2&3		Right Cheek	0	190	836.6	0.05	0.525	23.75	24.50	1.188	0.624	/
	Level2&3		Right Tilt	0	190	836.6	0.08	0.476	23.75	24.50	1.188	0.565	/
Down	Off	GPRS (4slots)	Left Cheek	0	190	836.6	0.02	0.289	27.69	28.50	1.204	0.348	/
	Off		Left Tilt	0	190	836.6	0.12	0.145	27.69	28.50	1.204	0.175	/
	Off		Right Cheek	0	190	836.6	-0.07	0.236	27.69	28.50	1.204	0.284	/
	Off		Right Tilt	0	190	836.6	0.01	0.125	27.69	28.50	1.204	0.151	/
Body-worn Accessory													
Up	Off	Voice	Front Side	15	190	836.6	-0.01	0.101	32.73	33.50	1.194	0.121	/
	Off		Back Side	15	190	836.6	-0.13	0.109	32.73	33.50	1.194	0.130	/
	Off	GPRS (4slots)	Front Side	15	190	836.6	0.09	0.124	27.69	28.50	1.204	0.149	/
	Off		Back Side	15	190	836.6	0.07	0.139	27.69	28.50	1.204	0.167	/
Down	Off	Voice	Front Side	15	190	836.6	0.04	0.149	32.73	33.50	1.194	0.178	/
	Off		Back Side	15	190	836.6	-0.09	0.200	32.73	33.50	1.194	0.239	/
	Off	GPRS (4slots)	Front Side	15	190	836.6	0.05	0.179	27.69	28.50	1.204	0.216	/
	Off		Back Side	15	190	836.6	0.03	0.200	27.69	28.50	1.204	**0.241**	2#
Hotspot													
Up	Off	Voice	Front Side	10	190	836.6	-0.06	0.158	32.73	33.50	1.194	0.189	/
	Off		Back Side	10	190	836.6	0.02	0.184	32.73	33.50	1.194	0.220	/
	Off	GPRS (4slots)	Front Side	10	190	836.6	0.14	0.200	27.69	28.50	1.204	0.241	/
	Off		Back Side	10	190	836.6	0.08	0.235	27.69	28.50	1.204	0.283	/
	Off		Left Edge	10	190	836.6	0.04	0.118	27.69	28.50	1.204	0.142	/
	Off		Right Edge	10	190	836.6	0.02	0.110	27.69	28.50	1.204	0.132	/
	Off		Top Edge	10	190	836.6	-0.02	0.200	27.69	28.50	1.204	0.241	/
Down	Off	Voice	Front Side	10	190	836.6	0.01	0.177	32.73	33.50	1.194	0.211	/
	Off		Back Side	10	190	836.6	0.01	0.246	32.73	33.50	1.194	0.294	/
	Off	GPRS (4slots)	Front Side	10	190	836.6	0.08	0.217	27.69	28.50	1.204	0.261	/
	Off		Back Side	10	190	836.6	0.04	0.272	27.69	28.50	1.204	**0.328**	3#
	Off		Left Edge	10	190	836.6	-0.04	0.152	27.69	28.50	1.204	0.183	/
	Off		Right Edge	10	190	836.6	0.06	0.254	27.69	28.50	1.204	0.306	/

	Off		Bottom Edge	10	190	836.6	0.05	0.201	27.69	28.50	1.204	0.242	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.2 GSM 1900

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
Up	Level1	GPRS (3slots)	Left Cheek	0	661	1880.0	-0.07	0.456	22.67	23.00	1.079	0.492	/
	Level1		Left Tilt	0	661	1880.0	0.01	0.557	22.67	23.00	1.079	0.601	/
	Level1		Right Cheek	0	661	1880.0	-0.06	0.586	22.67	23.00	1.079	0.632	/
	Level1		Right Tilt	0	661	1880.0	0.02	0.742	22.67	23.00	1.079	0.801	/
	Level1			0	512	1850.2	0.14	0.597	22.65	23.00	1.084	0.647	/
	Level1			0	810	1909.8	-0.04	0.878	22.41	23.00	1.146	**1.006**	4#
Up	Level2&3	GPRS (3slots)	Left Cheek	0	661	1880.0	-0.09	0.296	20.51	21.00	1.119	0.331	/
	Level2&3		Left Tilt	0	661	1880.0	-0.04	0.365	20.51	21.00	1.119	0.409	/
	Level2&3		Right Cheek	0	661	1880.0	0.05	0.380	20.51	21.00	1.119	0.425	/
	Level2&3		Right Tilt	0	661	1880.0	0.01	0.485	20.51	21.00	1.119	0.543	/
Down	Off	GPRS (3slots)	Left Cheek	0	661	1880.0	0.07	0.085	27.01	27.50	1.119	0.095	/
	Off		Left Tilt	0	661	1880.0	-0.01	0.056	27.01	27.50	1.119	0.063	/
	Off		Right Cheek	0	661	1880.0	-0.04	0.060	27.01	27.50	1.119	0.067	/
	Off		Right Tilt	0	661	1880.0	0.08	0.056	27.01	27.50	1.119	0.063	/
Body-worn Accessory													
Up	Off	Voice	Front Side	15	661	1880.0	0.11	0.132	30.04	30.50	1.112	0.147	/
	Off		Back Side	15	661	1880.0	-0.01	0.188	30.04	30.50	1.112	0.209	/
	Off	GPRS (3slots)	Front Side	15	661	1880.0	0.04	0.204	27.01	27.50	1.119	0.228	/
	Off		Back Side	15	661	1880.0	-0.01	0.294	27.01	27.50	1.119	**0.329**	5#
Up	Level2&3	Voice	Front Side	15	661	1880.0	-0.07	0.074	28.30	28.50	1.047	0.077	/
	Level2&3		Back Side	15	661	1880.0	0.08	0.101	28.30	28.50	1.047	0.106	/
	Level2&3	GPRS (3slots)	Front Side	15	661	1880.0	0.05	0.080	25.12	25.50	1.091	0.087	/
	Level2&3		Back Side	15	661	1880.0	0.08	0.119	25.12	25.50	1.091	0.130	/
Down	Off	Voice	Front Side	15	661	1880.0	0.04	0.081	30.04	30.50	1.112	0.090	/
	Off		Back Side	15	661	1880.0	-0.10	0.119	30.04	30.50	1.112	0.132	/
	Off	GPRS (3slots)	Front Side	15	661	1880.0	-0.04	0.124	27.01	27.50	1.119	0.139	/
	Off		Back Side	15	661	1880.0	0.07	0.187	27.01	27.50	1.119	0.209	/
Hotspot													
Up	Level2&3	Voice	Front Side	10	661	1880.0	0.01	0.172	28.30	28.50	1.047	0.180	/
	Level2&3		Back Side	10	661	1880.0	0.08	0.239	28.30	28.50	1.047	0.250	/
	Level2&3	GPRS (3slots)	Front Side	10	661	1880.0	0.04	0.249	25.12	25.50	1.091	0.272	/
	Level2&3		Back Side	10	661	1880.0	-0.04	0.356	25.12	25.50	1.091	0.389	/
	Level2&3		Left Edge	10	661	1880.0	0.06	0.041	25.12	25.50	1.091	0.045	/
	Level2&3		Right Edge	10	661	1880.0	0.05	0.051	25.12	25.50	1.091	0.056	/
	Level2&3		Top Edge	10	661	1880.0	-0.01	0.557	25.12	25.50	1.091	**0.608**	6#
Down	Off	Voice	Front Side	10	661	1880.0	0.07	0.146	30.04	30.50	1.112	0.162	/

	Off		Back Side	10	661	1880.0	0.06	0.224	30.04	30.50	1.112	0.249	/
	Off	GPRS (3slots)	Front Side	10	661	1880.0	0.04	0.230	27.01	27.50	1.119	0.257	/
	Off		Back Side	10	661	1880.0	0.08	0.342	27.01	27.50	1.119	0.383	/
	Off		Left Edge	10	661	1880.0	0.09	0.034	27.01	27.50	1.119	0.038	/
	Off		Right Edge	10	661	1880.0	0.02	0.048	27.01	27.50	1.119	0.054	/
	Off		Bottom Edge	10	661	1880.0	-0.07	0.430	27.01	27.50	1.119	0.481	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.3WCDMA Band 2

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
Up	Level1	RMC	Left Cheek	0	9538	1907.6	0.11	0.603	17.52	18.30	1.197	0.722	/
	Level1		Left Tilt	0	9538	1907.6	-0.01	0.765	17.52	18.30	1.197	0.916	/
	Level1			0	9262	1852.4	0.04	0.675	17.35	18.30	1.245	0.840	/
	Level1			0	9400	1880.0	-0.07	0.688	17.48	18.30	1.208	0.831	/
	Level1		Right Cheek	0	9538	1907.6	0.08	0.785	17.52	18.30	1.197	0.939	/
	Level1			0	9262	1852.4	0.05	0.734	17.35	18.30	1.245	0.913	/
	Level1			0	9400	1880.0	0.08	0.757	17.48	18.30	1.208	0.914	/
	Level1		Right Tilt	0	9538	1907.6	0.07	0.908	17.52	18.30	1.197	**1.087**	7#
	Level1			0	9262	1852.4	-0.10	0.815	17.35	18.30	1.245	1.014	/
	Level1			0	9400	1880.0	-0.04	0.829	17.48	18.30	1.208	1.001	/
Up	Level2&3	RMC	Left Cheek	0	9538	1907.6	0.07	0.380	15.60	16.30	1.175	0.446	/
	Level2&3		Left Tilt	0	9538	1907.6	0.03	0.481	15.60	16.30	1.175	0.565	/
	Level2&3		Right Cheek	0	9538	1907.6	0.07	0.497	15.60	16.30	1.175	0.584	/
	Level2&3		Right Tilt	0	9538	1907.6	-0.10	0.603	15.60	16.30	1.175	0.708	/
Down	Off	RMC	Left Cheek	0	9538	1907.6	-0.06	0.160	23.36	24.30	1.242	0.199	/
	Off		Left Tilt	0	9538	1907.6	0.02	0.097	23.36	24.30	1.242	0.120	/
	Off		Right Cheek	0	9538	1907.6	0.01	0.114	23.36	24.30	1.242	0.142	/
	Off		Right Tilt	0	9538	1907.6	0.09	0.108	23.36	24.30	1.242	0.134	/
Body-worn Accessory													
Up	LeweL4	RMC	Front Side	15	9538	1907.6	0.01	0.220	20.89	21.80	1.233	0.271	/
	LeweL4		Back Side	15	9538	1907.6	0.09	0.308	20.89	21.80	1.233	**0.380**	8#
Up	Level2&3	RMC	Front Side	15	9538	1907.6	0.06	0.136	19.11	19.80	1.172	0.159	/
	Level2&3		Back Side	15	9538	1907.6	-0.04	0.196	19.11	19.80	1.172	0.230	/
Down	LeveL4&5&6	RMC	Front Side	15	9538	1907.6	0.02	0.186	22.51	23.30	1.199	0.223	/
	LeveL4&5&6		Back Side	15	9538	1907.6	-0.01	0.259	22.51	23.30	1.199	0.311	/
Hotspot													
Up	Level2&3	RMC	Front Side	10	9538	1907.6	0.04	0.291	19.11	19.80	1.172	0.341	/
	Level2&3		Back Side	10	9538	1907.6	-0.07	0.386	19.11	19.80	1.172	0.452	/
	Level2&3		Left Edge	10	9538	1907.6	-0.03	0.001	19.11	19.80	1.172	0.001	/
	Level2&3		Right Edge	10	9538	1907.6	0.03	0.058	19.11	19.80	1.172	0.068	/
	Level2&3		Top Edge	10	9538	1907.6	0.01	0.594	19.11	19.80	1.172	0.696	/
Down	LeveL4&5&6	RMC	Front Side	10	9538	1907.6	-0.08	0.345	22.51	23.30	1.199	0.414	/
	LeveL4&5&6		Back Side	10	9538	1907.6	0.08	0.492	22.51	23.30	1.199	0.590	/
	LeveL4&5&6		Left Edge	10	9538	1907.6	-0.12	0.140	22.51	23.30	1.199	0.168	/
	LeveL4&5&		Right Edge	10	9538	1907.6	0.01	0.091	22.51	23.30	1.199	0.109	/

	6												
	LeveL4&5&6		Bottom Edge	10	9538	1907.6	-0.03	0.643	22.51	23.30	1.199	**0.771**	9#
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific													
Up	LeweL4	RMC	Back Side	0	9538	1907.6	0.08	0.679	20.89	21.80	1.233	0.837	/
	LeweL4		Top Edge	0	9538	1907.6	0.05	1.890	20.89	21.80	1.233	**2.331**	10#
Up	Level2&3	RMC	Back Side	0	9538	1907.6	-0.04	0.429	19.11	19.80	1.172	0.503	/
	Level2&3		Top Edge	0	9538	1907.6	0.03	1.100	19.11	19.80	1.172	1.289	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

10.4WCDMA Band 4

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
Up	Level1	RMC	Left Cheek	0	1513	1752.6	0.04	0.549	18.55	19.30	1.189	0.652	/
	Level1		Left Tilt	0	1513	1752.6	0.06	0.679	18.55	19.30	1.189	0.807	/
	Level1		Right Cheek	0	1513	1752.6	-0.01	0.710	18.55	19.30	1.189	0.844	/
	Level1			0	1312	1712.4	0.07	0.668	18.38	19.30	1.236	0.826	/
	Level1			0	1412	1732.4	0.08	0.679	18.32	19.30	1.253	0.851	/
	Level1		Right Tilt	0	1513	1752.6	-0.05	0.897	18.55	19.30	1.189	**1.066**	11#
	Level1			0	1312	1712.4	0.02	0.843	18.38	19.30	1.236	1.042	/
	Level1			0	1412	1732.4	-0.01	0.834	18.32	19.30	1.253	1.045	/
Up	Level2&3	RMC	Left Cheek	0	1513	1752.6	0.04	0.355	16.46	17.30	1.213	0.431	/
	Level2&3		Left Tilt	0	1513	1752.6	-0.07	0.455	16.46	17.30	1.213	0.552	/
	Level2&3		Right Cheek	0	1513	1752.6	0.05	0.457	16.46	17.30	1.213	0.555	/
	Level2&3		Right Tilt	0	1513	1752.6	-0.05	0.579	16.46	17.30	1.213	0.703	/
Down	Off	RMC	Left Cheek	0	1513	1752.6	-0.14	0.148	23.31	24.30	1.256	0.186	/
	Off		Left Tilt	0	1513	1752.6	0.06	0.085	23.31	24.30	1.256	0.107	/
	Off		Right Cheek	0	1513	1752.6	-0.07	0.090	23.31	24.30	1.256	0.113	/
	Off		Right Tilt	0	1513	1752.6	0.09	0.081	23.31	24.30	1.256	0.102	/
Body-worn Accessory													
Up	Off	RMC	Front Side	15	1513	1752.6	0.07	0.262	23.31	24.30	1.256	0.329	/
	Off		Back Side	15	1513	1752.6	-0.17	0.362	23.31	24.30	1.256	**0.455**	12#
Down	LeveL4&5&6	RMC	Front Side	15	1513	1752.6	0.09	0.191	21.37	22.30	1.239	0.237	/
	LeveL4&5&6		Back Side	15	1513	1752.6	0.04	0.275	21.37	22.30	1.239	0.341	/
Hotspot													
Up	Off	RMC	Front Side	10	1513	1752.6	-0.14	0.547	23.31	24.30	1.256	0.687	/
	Off		Back Side	10	1513	1752.6	-0.13	0.675	23.31	24.30	1.256	0.848	/
	Off			10	1412	1732.4	0.05	0.623	23.28	24.30	1.265	0.788	/
	Off			10	1312	1712.4	-0.01	0.596	23.23	24.30	1.279	0.763	/
	Off		Left Edge	10	1513	1752.6	0.07	0.018	23.31	24.30	1.256	0.023	/
	Off		Right Edge	10	1513	1752.6	0.07	0.098	23.31	24.30	1.256	0.123	/
	Off		Top Edge	10	1513	1752.6	0.02	0.866	23.31	24.30	1.256	**1.088**	13#
	Off			10	1412	1732.4	0.06	0.839	23.28	24.30	1.265	1.061	/
	Off			10	1312	1712.4	0.01	0.825	23.23	24.30	1.279	1.055	/
Down	Level2&3	RMC	Front Side	10	1513	1752.6	0.05	0.304	21.37	22.30	1.239	0.377	/
	Level2&3		Back Side	10	1513	1752.6	0.07	0.494	21.37	22.30	1.239	0.612	/
	Level2&3		Left Edge	10	1513	1752.6	0.18	0.122	21.37	22.30	1.239	0.151	/
	Level2&3		Right Edge	10	1513	1752.6	0.04	0.069	21.37	22.30	1.239	0.085	/
	Level2&3		Bottom Edge	10	1513	1752.6	0.03	0.543	21.37	22.30	1.239	0.673	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.5 WCDMA Band 5

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
Up	Level1	RMC	Left Cheek	0	4233	846.6	0.03	0.634	22.19	23.00	1.205	0.764	/
	Level1		Left Tilt	0	4233	846.6	0.01	0.590	22.19	23.00	1.205	0.711	/
	Level1		Right Cheek	0	4233	846.6	-0.05	0.719	22.19	23.00	1.205	**0.866**	14#
	Level1			0	4132	826.4	0.05	0.707	22.16	23.00	1.213	0.858	/
	Level1			0	4182	836.4	0.01	0.672	21.97	23.00	1.268	0.852	/
	Level1		Right Tilt	0	4233	846.6	0.04	0.658	22.19	23.00	1.205	0.793	/
Up	Level2&3	RMC	Left Cheek	0	4233	846.6	0.08	0.421	20.49	21.00	1.125	0.473	/
	Level2&3		Left Tilt	0	4233	846.6	0.07	0.373	20.49	21.00	1.125	0.419	/
	Level2&3		Right Cheek	0	4233	846.6	0.03	0.488	20.49	21.00	1.125	0.549	/
	Level2&3		Right Tilt	0	4233	846.6	0.09	0.474	20.49	21.00	1.125	0.533	/
Down	Off	RMC	Left Cheek	0	4233	846.6	0.04	0.194	23.62	24.50	1.225	0.238	/
	Off		Left Tilt	0	4233	846.6	0.08	0.102	23.62	24.50	1.225	0.125	/
	Off		Right Cheek	0	4233	846.6	-0.01	0.164	23.62	24.50	1.225	0.201	/
	Off		Right Tilt	0	4233	846.6	0.07	0.087	23.62	24.50	1.225	0.107	/
Body-worn Accessory													
Up	Off	RMC	Front Side	15	4233	846.6	0.04	0.128	23.62	24.50	1.225	0.157	/
	Off		Back Side	15	4233	846.6	-0.07	0.141	23.62	24.50	1.225	0.173	/
Down	Off	RMC	Front Side	15	4233	846.6	-0.06	0.130	23.62	24.50	1.225	0.159	/
	Off		Back Side	15	4233	846.6	0.01	0.211	23.62	24.50	1.225	**0.258**	15#
Hotspot													
Up	Off	RMC	Front Side	10	4233	846.6	-0.07	0.174	23.62	24.50	1.225	0.213	/
	Off		Back Side	10	4233	846.6	0.09	0.229	23.62	24.50	1.225	0.280	/
	Off		Left Edge	10	4233	846.6	0.04	0.109	23.62	24.50	1.225	0.133	/
	Off		Right Edge	10	4233	846.6	0.04	0.197	23.62	24.50	1.225	0.241	/
	Off		Top Edge	10	4233	846.6	0.03	0.207	23.62	24.50	1.225	0.253	/
Down	Off	RMC	Front Side	10	4233	846.6	0.14	0.197	23.62	24.50	1.225	0.241	/
	Off		Back Side	10	4233	846.6	-0.04	0.268	23.62	24.50	1.225	**0.328**	16#
	Off		Left Edge	10	4233	846.6	0.09	0.126	23.62	24.50	1.225	0.154	/
	Off		Right Edge	10	4233	846.6	0.04	0.134	23.62	24.50	1.225	0.164	/
	Off		Bottom Edge	10	4233	846.6	0.03	0.215	23.62	24.50	1.225	0.263	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.6 LTE Band 2 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	18900	1880	1	Mid	0.11	0.468	16.97	18.00	1.268	0.593	/
	Level1			0	18900	1880	50	Mid	0.02	0.477	16.90	18.00	1.288	0.614	/
	Level1		Left Tilt	0	18900	1880	1	Mid	-0.05	0.595	16.97	18.00	1.268	0.754	/
	Level1			0	18900	1880	50	Mid	0.03	0.608	16.90	18.00	1.288	0.783	/
	Level1		Right Cheek	0	18900	1880	1	Mid	0.01	0.612	16.97	18.00	1.268	0.776	/
	Level1			0	18900	1880	50	Mid	0.03	0.619	16.90	18.00	1.288	0.797	/
	Level1		Right Tilt	0	18900	1880	1	Mid	0.14	0.774	16.97	18.00	1.268	0.981	/
	Level1			0	18700	1860	1	Mid	-0.16	0.716	16.89	18.00	1.291	0.925	/
	Level1			0	19100	1900	1	Mid	0.06	0.778	16.83	18.00	1.309	1.019	/
	Level1			0	18900	1880	50	Mid	0.08	0.789	16.90	18.00	1.288	1.016	/
	Level1			0	18700	1860	50	Mid	0.02	0.720	16.74	18.00	1.337	0.962	/
	Level1			0	19100	1900	50	Mid	-0.09	0.827	16.82	18.00	1.312	**1.085**	17#
	Level1			0	18900	1880	100	Low	-0.17	0.760	16.86	18.00	1.300	0.988	/
Up	Level2&3	QPSK	Left Cheek	0	18900	1880	1	Mid	0.09	0.289	15.20	16.00	1.202	0.347	/
	Level2&3			0	18900	1880	50	Mid	-0.08	0.298	14.32	16.00	1.472	0.439	/
	Level2&3		Left Tilt	0	18900	1880	1	Mid	-0.11	0.370	15.20	16.00	1.202	0.445	/
	Level2&3			0	18900	1880	50	Mid	-0.14	0.382	14.32	16.00	1.472	0.562	/
	Level2&3		Right Cheek	0	18900	1880	1	Mid	0.03	0.385	15.20	16.00	1.202	0.463	/
	Level2&3			0	18900	1880	50	Mid	0.12	0.394	14.32	16.00	1.472	0.580	/
	Level2&3		Right Tilt	0	18900	1880	1	Mid	0.05	0.487	15.20	16.00	1.202	0.586	/
	Level2&3			0	18900	1880	50	Mid	-0.16	0.492	14.32	16.00	1.472	0.724	/
Down	Off	QPSK	Left Cheek	0	18900	1880	1	Mid	0.15	0.119	23.03	24.00	1.250	0.149	/
	Off			0	18900	1880	50	Mid	0.04	0.092	21.99	23.00	1.262	0.116	/
	Off		Left Tilt	0	18900	1880	1	Mid	-0.09	0.070	23.03	24.00	1.250	0.088	/
	Off			0	18900	1880	50	Mid	0.01	0.060	21.99	23.00	1.262	0.076	/
	Off		Right Cheek	0	18900	1880	1	Mid	0.05	0.081	23.03	24.00	1.250	0.101	/
	Off			0	18900	1880	50	Mid	0.05	0.065	21.99	23.00	1.262	0.082	/
	Off		Right Tilt	0	18900	1880	1	Mid	0.12	0.079	23.03	24.00	1.250	0.099	/
	Off			0	18900	1880	50	Mid	0.18	0.064	21.99	23.00	1.262	0.081	/
Body-worn Accessory															
Up	LeweL4	QPSK	Front Side	15	18900	1880	1	Mid	0.19	0.168	20.36	21.50	1.300	0.218	/
	LeweL4			15	18900	1880	50	Mid	-0.07	0.171	19.43	20.50	1.279	0.219	/
	LeweL4		Back Side	15	18900	1880	1	Mid	0.12	0.243	20.36	21.50	1.300	0.316	/
	LeweL4			15	18900	1880	50	Mid	-0.06	0.249	19.43	20.50	1.279	**0.319**	18#
Up	Level2&3	QPSK	Front Side	15	18900	1880	1	Mid	-0.05	0.107	18.61	19.50	1.227	0.131	/
	Level2&3			15	18900	1880	50	Mid	0.01	0.108	17.83	19.50	1.469	0.159	/
	Level2&3		Back Side	15	18900	1880	1	Mid	0.13	0.145	18.61	19.50	1.227	0.178	/
	Level2&3			15	18900	1880	50	Mid	0.09	0.150	17.83	19.50	1.469	0.220	/
Down	LeveL4&5&	QPSK	Front Side	15	18900	1880	1	Mid	0.02	0.123	21.15	22.00	1.216	0.150	/

	6													
	LeveL4&5&6			15	18900	1880	50	Mid	-0.02	0.124	20.06	21.00	1.242	0.154	/
	LeveL4&5&6		Back Side	15	18900	1880	1	Mid	0.11	0.171	21.15	22.00	1.216	0.208	/
	LeveL4&5&6			15	18900	1880	50	Mid	0.18	0.172	20.06	21.00	1.242	0.214	/
Hotspot															
Up	Level2&3	QPSK	Front Side	10	18900	1880	1	Mid	-0.11	0.218	18.61	19.50	1.227	0.268	/
	Level2&3			10	18900	1880	50	Mid	-0.16	0.211	17.83	19.50	1.469	0.310	/
	Level2&3		Back Side	10	18900	1880	1	Mid	0.04	0.283	18.61	19.50	1.227	0.347	/
	Level2&3			10	18900	1880	50	Mid	0.12	0.294	17.83	19.50	1.469	0.432	/
	Level2&3		Left Edge	10	18900	1880	1	Mid	-0.03	0.001	18.61	19.50	1.227	0.001	/
	Level2&3			10	18900	1880	50	Mid	0.11	0.002	17.83	19.50	1.469	0.003	/
	Level2&3		Right Edge	10	18900	1880	1	Mid	0.07	0.044	18.61	19.50	1.227	0.054	/
	Level2&3			10	18900	1880	50	Mid	0.03	0.046	17.83	19.50	1.469	0.068	/
	Level2&3		Top Edge	10	18900	1880	1	Mid	-0.08	0.455	18.61	19.50	1.227	0.558	/
	Level2&3			10	18900	1880	50	Mid	0.04	0.413	17.83	19.50	1.469	**0.607**	19#
Down	Level2&3	QPSK	Front Side	10	18900	1880	1	Mid	-0.04	0.217	21.15	22.00	1.216	0.264	/
	Level2&3			10	18900	1880	50	Mid	0.14	0.219	20.06	21.00	1.242	0.272	/
	Level2&3		Back Side	10	18900	1880	1	Mid	-0.13	0.323	21.15	22.00	1.216	0.393	/
	Level2&3			10	18900	1880	50	Mid	0.10	0.327	20.06	21.00	1.242	0.406	/
	Level2&3		Left Edge	10	18900	1880	1	Mid	-0.14	0.099	21.15	22.00	1.216	0.120	/
	Level2&3			10	18900	1880	50	Mid	-0.02	0.102	20.06	21.00	1.242	0.127	/
	Level2&3		Right Edge	10	18900	1880	1	Mid	0.11	0.074	21.15	22.00	1.216	0.090	/
	Level2&3			10	18900	1880	50	Mid	0.18	0.075	20.06	21.00	1.242	0.093	/
	Level2&3		Bottom Edge	10	18900	1880	1	Mid	0.08	0.416	21.15	22.00	1.216	0.506	/
	Level2&3			10	18900	1880	50	Mid	-0.10	0.424	20.06	21.00	1.242	0.526	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific															
Up	LeweL4	QPSK	Top Edge	0	18900	1880	1	Mid	0.02	1.780	20.36	21.50	1.300	2.314	/
	LeweL4			0	18900	1880	50	Mid	0.03	1.890	19.43	20.50	1.279	**2.418**	20#
Up	Level2&3		Top Edge	0	18900	1880	1	Mid	0.14	1.120	18.61	19.50	1.227	1.375	/
	Level2&3			0	18900	1880	50	Mid	-0.13	1.150	17.83	19.50	1.469	1.689	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.7 LTE Band 4 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	20175	1732.5	1	Mid	0.04	0.440	17.96	19.00	1.271	0.559	/
	Level1			0	20175	1732.5	50	High	-0.02	0.450	17.91	19.00	1.285	0.578	/
	Level1		Left Tilt	0	20175	1732.5	1	Mid	-0.09	0.560	17.96	19.00	1.271	0.712	/
	Level1			0	20175	1732.5	50	High	-0.03	0.570	17.91	19.00	1.285	0.733	/
	Level1		Right Cheek	0	20175	1732.5	1	Mid	-0.04	0.572	17.96	19.00	1.271	0.727	/
	Level1			0	20175	1732.5	50	High	-0.07	0.585	17.91	19.00	1.285	0.752	/
	Level1		Right Tilt	0	20175	1732.5	1	Mid	0.03	0.728	17.91	19.00	1.285	0.936	/
	Level1			0	20050	1720.0	1	Mid	0.15	0.714	17.89	19.00	1.291	0.922	/
	Level1			0	20300	1745	1	Mid	-0.02	0.728	17.88	19.00	1.294	0.942	/
	Level1			0	20175	1732.5	50	High	-0.02	0.740	17.91	19.00	1.285	0.951	/
	Level1			0	20050	1720	50	High	-0.18	0.720	17.90	19.00	1.288	0.928	/
	Level1			0	20300	1745	50	High	0.04	0.814	17.87	19.00	1.297	**1.056**	21#
	Level1			0	20175	1732.5	100	Low	-0.07	0.722	17.84	19.00	1.306	0.943	/
Up	Level2&3	QPSK	Left Cheek	0	20175	1732.5	1	Mid	0.00	0.270	16.06	17.00	1.242	0.335	/
	Level2&3			0	20175	1732.5	50	High	-0.13	0.280	15.75	17.00	1.334	0.373	/
	Level2&3		Left Tilt	0	20175	1732.5	1	Mid	-0.04	0.350	16.06	17.00	1.242	0.435	/
	Level2&3			0	20175	1732.5	50	High	0.02	0.359	15.75	17.00	1.334	0.479	/
	Level2&3		Right Cheek	0	20175	1732.5	1	Mid	-0.06	0.356	16.06	17.00	1.242	0.442	/
	Level2&3			0	20175	1732.5	50	High	0.11	0.368	15.75	17.00	1.334	0.491	/
	Level2&3		Right Tilt	0	20175	1732.5	1	Mid	0.04	0.457	16.06	17.00	1.242	0.567	/
	Level2&3			0	20175	1732.5	50	High	-0.07	0.465	15.75	17.00	1.334	0.620	/
Down	Off	QPSK	Left Cheek	0	20175	1732.5	1	Mid	-0.10	0.130	23.05	24.00	1.245	0.162	/
	Off			0	20175	1732.5	50	High	-0.13	0.103	21.98	23.00	1.265	0.130	/
	Off		Left Tilt	0	20175	1732.5	1	Mid	0.12	0.050	23.05	24.00	1.245	0.062	/
	Off			0	20175	1732.5	50	High	0.03	0.043	21.98	23.00	1.265	0.054	/
	Off		Right Cheek	0	20175	1732.5	1	Mid	-0.08	0.075	23.05	24.00	1.245	0.093	/
	Off			0	20175	1732.5	50	High	0.02	0.061	21.98	23.00	1.265	0.077	/
	Off		Right Tilt	0	20175	1732.5	1	Mid	0.19	0.051	23.05	24.00	1.245	0.063	/
	Off			0	20175	1732.5	50	High	0.11	0.046	21.98	23.00	1.265	0.058	/
Body-worn Accessory															
Up	LeweL4	QPSK	Front Side	15	20175	1732.5	1	Mid	-0.15	0.174	21.97	23.00	1.268	0.221	/
	LeweL4			15	20175	1732.5	50	High	0.13	0.178	20.91	22.00	1.285	0.229	/
	LeweL4		Back Side	15	20175	1732.5	1	Mid	0.02	0.221	21.97	23.00	1.268	0.280	/
	Level2&3			15	20175	1732.5	50	High	-0.03	0.227	20.91	22.00	1.285	**0.292**	22#
Up	Level2&3	QPSK	Front Side	15	20175	1732.5	1	Mid	0.07	0.138	21.09	22.00	1.233	0.170	/
	Level2&3			15	20175	1732.5	50	High	0.09	0.141	20.04	21.00	1.247	0.176	/
	Level2&3		Back Side	15	20175	1732.5	1	Mid	0.06	0.173	21.09	22.00	1.233	0.213	/
	Level2&3			15	20175	1732.5	50	High	-0.05	0.178	20.04	21.00	1.247	0.222	/
Down	LeveL4&5&	QPSK	Front Side	10	20175	1732.5	1	Mid	-0.16	0.123	19.99	21.00	1.262	0.155	/

	6													
	LeveL4&5&6			10	20175	1732.5	50	High	-0.18	0.126	19.23	21.00	1.503	0.189	/
	LeveL4&5&6		Back Side	10	20175	1732.5	1	Mid	0.02	0.165	19.99	21.00	1.262	0.208	/
	LeveL4&5&6			10	20175	1732.5	50	High	0.01	0.167	19.23	21.00	1.503	0.251	/
Hotspot															
Up	Level2&3	QPSK	Front Side	10	20175	1732.5	1	Mid	-0.07	0.269	21.09	22.00	1.233	0.332	/
	Level2&3			10	20175	1732.5	50	High	0.12	0.275	20.04	21.00	1.247	0.343	/
	Level2&3		Back Side	10	20175	1732.5	1	Mid	0.14	0.341	21.09	22.00	1.233	0.420	/
	Level2&3			10	20175	1732.5	50	High	-0.07	0.350	20.04	21.00	1.247	0.437	/
	Level2&3		Left Edge	10	20175	1732.5	1	Mid	0.13	0.002	21.09	22.00	1.233	0.002	/
	Level2&3			10	20175	1732.5	50	High	0.09	0.003	20.04	21.00	1.247	0.004	/
	Level2&3		Right Edge	10	20175	1732.5	1	Mid	0.08	0.046	21.09	22.00	1.233	0.057	/
	Level2&3			10	20175	1732.5	50	High	0.16	0.048	20.04	21.00	1.247	0.060	/
	Level2&3		Top Edge	10	20175	1732.5	1	Mid	0.03	0.467	21.09	22.00	1.233	0.576	/
	Level2&3			10	20175	1732.5	50	High	0.05	0.475	20.04	21.00	1.247	**0.593**	23#
Down	Level2&3	QPSK	Front Side	10	20175	1732.5	1	Mid	0.11	0.206	19.99	21.00	1.262	0.260	/
	Level2&3			10	20175	1732.5	50	High	-0.05	0.209	19.23	21.00	1.503	0.314	/
	Level2&3		Back Side	10	20175	1732.5	1	Mid	0.16	0.323	19.99	21.00	1.262	0.408	/
	Level2&3			10	20175	1732.5	50	High	0.09	0.326	19.23	21.00	1.503	0.490	/
	Level2&3		Left Edge	10	20175	1732.5	1	Mid	-0.01	0.085	19.99	21.00	1.262	0.107	/
	Level2&3			10	20175	1732.5	50	High	0.06	0.082	19.23	21.00	1.503	0.123	/
	Level2&3		Right Edge	10	20175	1732.5	1	Mid	0.08	0.046	19.99	21.00	1.262	0.058	/
	Level2&3			10	20175	1732.5	50	High	0.13	0.047	19.23	21.00	1.503	0.071	/
	Level2&3		Bottom Edge	10	20175	1732.5	1	Mid	0.08	0.327	19.99	21.00	1.262	0.413	/
	Level2&3			10	20175	1732.5	50	High	0.15	0.371	19.23	21.00	1.503	0.558	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.8LTE Band 5 (10MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	20600	844	1	High	-0.18	0.578	21.63	23.00	1.371	0.792	/
	Level1			0	20600	844	25	Mid	0.14	0.568	20.53	22.00	1.403	0.797	/
	Level1		Left Tilt	0	20600	844	1	High	0.06	0.506	21.63	23.00	1.371	0.694	/
	Level1			0	20600	844	25	Mid	0.02	0.499	20.53	22.00	1.403	0.700	/
	Level1		Right Cheek	0	20600	844	1	High	-0.07	0.719	21.63	23.00	1.371	**0.986**	24#
	Level1			0	20450	829	1	High	0.04	0.682	21.56	23.00	1.393	0.950	/
	Level1			0	20525	836.5	1	High	-0.02	0.692	21.54	23.00	1.400	0.969	/
	Level1			0	20600	844	25	Mid	-0.09	0.689	20.53	22.00	1.403	0.967	/
	Level1			0	20450	829	25	Mid	-0.03	0.653	20.47	22.00	1.422	0.929	/
	Level1			0	20525	836.5	25	Mid	-0.04	0.618	20.51	22.00	1.409	0.871	/
	Level1			0	20600	844	50	Low	-0.07	0.656	20.48	22.00	1.419	0.931	/
	Level1		Right Tilt	0	20600	844	1	High	0.03	0.653	21.63	23.00	1.371	0.895	/
	Level1			0	20450	829	1	High	0.15	0.520	21.56	23.00	1.393	0.724	/
	Level1			0	20525	836.5	1	High	-0.02	0.560	21.54	23.00	1.400	0.784	/
	Level1			0	20600	844	25	Mid	-0.02	0.635	20.53	22.00	1.403	0.891	/
	Level1			0	20450	829	25	Mid	-0.18	0.542	20.47	22.00	1.422	0.771	/
	Level1			0	20525	836.5	25	Mid	-0.17	0.576	20.51	22.00	1.409	0.812	/
	Level1			0	20600	844	50	Low	-0.15	0.606	20.48	22.00	1.419	0.860	/
Up	Level2&3	QPSK	Left Cheek	0	20600	844	1	High	-0.13	0.377	19.75	21.00	1.334	0.503	/
	Level2&3			0	20600	844	25	Mid	-0.16	0.370	19.27	21.00	1.489	0.551	/
	Level2&3		Left Tilt	0	20600	844	1	High	-0.14	0.328	19.75	21.00	1.334	0.437	/
	Level2&3			0	20600	844	25	Mid	0.07	0.324	19.27	21.00	1.489	0.483	/
	Level2&3		Right Cheek	0	20600	844	1	High	-0.01	0.514	19.75	21.00	1.334	0.685	/
	Level2&3			0	20600	844	25	Mid	0.09	0.506	19.27	21.00	1.489	0.754	/
	Level2&3		Right Tilt	0	20600	844	1	High	0.08	0.431	19.75	21.00	1.334	0.575	/
	Level2&3			0	20600	844	25	Mid	0.09	0.426	19.27	21.00	1.489	0.634	/
Down	Off	QPSK	Left Cheek	0	20600	844	1	High	0.04	0.165	23.15	24.50	1.365	0.225	/
	Off			0	20600	844	25	Mid	0.02	0.132	22.11	23.50	1.377	0.182	/
	Off		Left Tilt	0	20600	844	1	High	-0.03	0.089	23.15	24.50	1.365	0.121	/
	Off			0	20600	844	25	Mid	0.03	0.071	22.11	23.50	1.377	0.098	/
	Off		Right Cheek	0	20600	844	1	High	-0.13	0.133	23.15	24.50	1.365	0.181	/
	Off			0	20600	844	25	Mid	-0.19	0.109	22.11	23.50	1.377	0.150	/
	Off		Right Tilt	0	20600	844	1	High	-0.09	0.074	23.15	24.50	1.365	0.101	/
	Off			0	20600	844	25	Mid	-0.08	0.060	22.11	23.50	1.377	0.083	/
Body-worn Accessory															
Up	Off	QPSK	Front Side	15	20600	844	1	High	0.19	0.117	23.15	24.50	1.365	0.160	/
	Off			15	20600	844	25	Mid	-0.06	0.096	22.11	23.50	1.377	0.132	/
	Off		Back Side	15	20600	844	1	High	0.14	0.132	23.15	24.50	1.365	0.180	/
	Off			15	20600	844	25	Mid	0.05	0.109	22.11	23.50	1.377	0.150	/

Down	Off	QPSK	Front Side	15	20600	844	1	High	0.03	0.108	23.15	24.50	1.365	0.147	/
	Off			15	20600	844	25	Mid	0.01	0.085	22.11	23.50	1.377	0.117	/
	Off		Back Side	15	20600	844	1	High	-0.01	0.152	23.15	24.50	1.365	**0.207**	25#
	Off			15	20600	844	25	Mid	0.06	0.121	22.11	23.50	1.377	0.167	/
Hotspot															
Up	Off	QPSK	Front Side	10	20600	844	1	High	0.01	0.165	23.15	24.50	1.365	0.225	/
	Off			10	20600	844	25	Mid	0.03	0.135	22.11	23.50	1.377	0.186	/
	Off		Back Side	10	20600	844	1	High	-0.01	0.198	23.15	24.50	1.365	0.270	/
	Off			10	20600	844	25	Mid	-0.06	0.152	22.11	23.50	1.377	0.209	/
	Off		Left Edge	10	20600	844	1	High	0.07	0.127	23.15	24.50	1.365	0.173	/
	Off			10	20600	844	25	Mid	0.00	0.096	22.11	23.50	1.377	0.132	/
	Off		Right Edge	10	20600	844	1	High	0.11	0.130	23.15	24.50	1.365	0.177	/
	Off			10	20600	844	25	Mid	0.13	0.101	22.11	23.50	1.377	0.139	/
	Off		Top Edge	10	20600	844	1	High	-0.16	0.225	23.15	24.50	1.365	0.307	/
	Off			10	20600	844	25	Mid	0.15	0.168	22.11	23.50	1.377	0.231	/
Down	Off	QPSK	Front Side	10	20600	844	1	High	0.14	0.167	23.15	24.50	1.365	0.228	/
	Off			10	20600	844	25	Mid	0.09	0.131	22.11	23.50	1.377	0.180	/
	Off		Back Side	10	20600	844	1	High	0.04	0.237	23.15	24.50	1.365	**0.323**	26#
	Off			10	20600	844	25	Mid	0.11	0.203	22.11	23.50	1.377	0.280	/
	Off		Left Edge	10	20600	844	1	High	0.16	0.084	23.15	24.50	1.365	0.115	/
	Off			10	20600	844	25	Mid	0.14	0.077	22.11	23.50	1.377	0.106	/
	Off		Right Edge	10	20600	844	1	High	0.09	0.169	23.15	24.50	1.365	0.231	/
	Off			10	20600	844	25	Mid	-0.08	0.147	22.11	23.50	1.377	0.202	/
	Off		Bottom Edge	10	20600	844	1	High	-0.12	0.171	23.15	24.50	1.365	0.233	/
	Off			10	20600	844	25	Mid	0.16	0.130	22.11	23.50	1.377	0.179	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.9LTE Band 7 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	21100	2535	1	Mid	0.15	0.210	16.64	17.30	1.164	0.244	/
	Level1			0	21100	2535	50	Mid	0.19	0.212	16.59	17.30	1.178	0.250	/
	Level1		Left Tilt	0	21100	2535	1	Mid	0.14	0.258	16.64	17.30	1.164	0.300	/
	Level1			0	21100	2535	50	Mid	0.13	0.259	16.59	17.30	1.178	0.305	/
	Level1		Right Cheek	0	21100	2535	1	Mid	0.16	0.656	16.64	17.30	1.164	0.764	/
	Level1			0	21100	2535	50	Mid	0.14	0.664	16.59	17.30	1.178	0.782	/
	Level1		Right Tilt	0	21100	2535	1	Mid	-0.11	0.701	16.64	17.30	1.164	0.816	/
	Level1			0	20850	2510	1	Mid	0.02	0.720	16.58	17.30	1.180	0.850	/
	Level1			0	21350	2560	1	Mid	-0.03	0.717	16.54	17.30	1.191	0.854	/
	Level1			0	21100	2535	50	Mid	0.05	0.689	16.59	17.30	1.178	0.811	/
	Level1			0	20850	2510	50	Mid	-0.06	0.730	16.50	17.30	1.202	**0.878**	27#
	Level1			0	21350	2560	50	Mid	0.06	0.719	16.54	17.30	1.191	0.857	/
	Level1			0	21100	2535	100	Low	0.19	0.679	16.58	17.30	1.180	0.801	/
Up	Level2&3	QPSK	Left Cheek	0	21100	2535	1	Mid	0.11	0.129	14.65	15.30	1.161	0.150	/
	Level2&3			0	21100	2535	50	Mid	-0.12	0.134	14.59	15.30	1.178	0.158	/
	Level2&3		Left Tilt	0	21100	2535	1	Mid	0.06	0.161	14.65	15.30	1.161	0.187	/
	Level2&3			0	21100	2535	50	Mid	0.08	0.165	14.59	15.30	1.178	0.194	/
	Level2&3		Right Cheek	0	21100	2535	1	Mid	0.06	0.442	14.65	15.30	1.161	0.513	/
	Level2&3			0	21100	2535	50	Mid	0.04	0.442	14.59	15.30	1.178	0.521	/
	Level2&3		Right Tilt	0	21100	2535	1	Mid	-0.01	0.490	14.65	15.30	1.161	0.569	/
	Level2&3			0	21100	2535	50	Mid	-0.06	0.497	14.59	15.30	1.178	0.585	/
Down	Off	QPSK	Left Cheek	0	21100	2535	1	Mid	0.08	0.219	22.86	23.80	1.242	0.272	/
	Off			0	21100	2535	50	Mid	0.11	0.187	21.86	22.80	1.242	0.232	/
	Off		Left Tilt	0	21100	2535	1	Mid	0.16	0.133	22.86	23.80	1.242	0.165	/
	Off			0	21100	2535	50	Mid	0.15	0.112	21.86	22.80	1.242	0.139	/
	Off		Right Cheek	0	21100	2535	1	Mid	-0.02	0.354	22.86	23.80	1.242	0.440	/
	Off			0	21100	2535	50	Mid	0.06	0.318	21.86	22.80	1.242	0.395	/
	Off		Right Tilt	0	21100	2535	1	Mid	-0.09	0.180	22.86	23.80	1.242	0.223	/
	Off			0	21100	2535	50	Mid	0.08	0.143	21.86	22.80	1.242	0.178	/
Body-worn Accessory															
Up	LeweL4	QPSK	Front Side	15	21100	2535	1	Mid	-0.13	0.145	21.23	22.30	1.279	0.186	/
	LeweL4			15	21100	2535	50	Mid	-0.14	0.147	20.22	21.30	1.282	0.189	/
	LeweL4		Back Side	15	21100	2535	1	Mid	-0.06	0.220	21.23	22.30	1.279	0.281	/
	LeweL4			15	21100	2535	50	Mid	-0.07	0.224	20.22	21.30	1.282	0.287	/
Up	Level2&3	QPSK	Front Side	15	21100	2535	1	Mid	0.12	0.091	19.33	20.30	1.250	0.114	/
	Level2&3			15	21100	2535	50	Mid	-0.17	0.092	18.75	20.30	1.429	0.131	/
	Level2&3		Back Side	15	21100	2535	1	Mid	0.01	0.143	19.33	20.30	1.250	0.179	/
	Level2&3			15	21100	2535	50	Mid	-0.13	0.145	18.75	20.30	1.429	0.207	/
Down	Off	QPSK	Front Side	15	21100	2535	1	Mid	0.07	0.283	22.86	23.80	1.242	**0.351**	28#

	Off			15	21100	2535	50	Mid	0.11	0.226	21.86	22.80	1.242	0.281	/
	Off		Back Side	15	21100	2535	1	Mid	0.13	0.263	22.86	23.80	1.242	0.327	/
	Off			15	21100	2535	50	Mid	-0.06	0.214	21.86	22.80	1.242	0.266	/
Hotspot															
Up	Level2&3	QPSK	Front Side	10	21100	2535	1	Mid	-0.17	0.172	19.33	20.30	1.250	0.215	/
	Level2&3			10	21100	2535	50	Mid	0.03	0.173	18.75	20.30	1.429	0.247	/
	Level2&3		Back Side	10	21100	2535	1	Mid	-0.12	0.336	19.33	20.30	1.250	0.420	/
	Level2&3			10	21100	2535	50	Mid	-0.13	0.342	18.75	20.30	1.429	0.489	/
	Level2&3		Left Edge	10	21100	2535	1	Mid	-0.11	0.002	19.33	20.30	1.250	0.003	/
	Level2&3			10	21100	2535	50	Mid	0.09	0.004	18.75	20.30	1.429	0.006	/
	Level2&3		Right Edge	10	21100	2535	1	Mid	-0.19	0.199	19.33	20.30	1.250	0.249	/
	Level2&3			10	21100	2535	50	Mid	0.16	0.201	18.75	20.30	1.429	0.287	/
	Level2&3		Top Edge	10	21100	2535	1	Mid	0.10	0.316	19.33	20.30	1.250	0.395	/
	Level2&3			10	21100	2535	50	Mid	-0.03	0.321	18.75	20.30	1.429	0.459	/
Down	Off	QPSK	Front Side	10	21100	2535	1	Mid	-0.06	0.481	22.86	23.80	1.242	**0.597**	29#
	Off			10	21100	2535	50	Mid	-0.08	0.447	21.86	22.80	1.242	0.555	/
	Off		Back Side	10	21100	2535	1	Mid	-0.14	0.447	22.86	23.80	1.242	0.555	/
	Off			10	21100	2535	50	Mid	0.02	0.413	21.86	22.80	1.242	0.513	/
	Off		Left Edge	10	21100	2535	1	Mid	-0.06	0.452	22.86	23.80	1.242	0.561	/
	Off			10	21100	2535	50	Mid	0.18	0.409	21.86	22.80	1.242	0.508	/
	Off		Right Edge	10	21100	2535	1	Mid	0.06	0.096	22.86	23.80	1.242	0.119	/
	Off			10	21100	2535	50	Mid	-0.07	0.079	21.86	22.80	1.242	0.098	/
	Off		Bottom Edge	10	21100	2535	1	Mid	-0.16	0.359	22.86	23.80	1.242	0.446	/
	Off			10	21100	2535	50	Mid	0.08	0.287	21.86	22.80	1.242	0.356	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.10 LTE Band 12 (10MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Off	QPSK	Left Cheek	0	23130	711	1	High	0.12	0.286	22.70	24.50	1.514	0.433	/
	Off			0	23130	711	25	Mid	0.06	0.237	21.71	23.50	1.510	0.358	/
	Off		Left Tilt	0	23130	711	1	High	-0.08	0.281	22.70	24.50	1.514	0.425	/
	Off			0	23130	711	25	Mid	-0.12	0.231	21.71	23.50	1.510	0.349	/
	Off		Right Cheek	0	23130	711	1	High	0.01	0.391	22.70	24.50	1.514	**0.592**	30#
	Off			0	23130	711	25	Mid	0.17	0.341	21.71	23.50	1.510	0.515	/
	Off		Right Tilt	0	23130	711	1	High	-0.13	0.381	22.70	24.50	1.514	0.577	/
	Off			0	23130	711	25	Mid	-0.09	0.308	21.71	23.50	1.510	0.465	/
Down	Off	QPSK	Left Cheek	0	23130	711	1	High	0.10	0.099	22.70	24.50	1.514	0.150	/
	Off			0	23130	711	25	Mid	0.10	0.080	21.71	23.50	1.510	0.121	/
	Off		Left Tilt	0	23130	711	1	High	0.17	0.054	22.70	24.50	1.514	0.082	/
	Off			0	23130	711	25	Mid	-0.14	0.045	21.71	23.50	1.510	0.068	/
	Off		Right Cheek	0	23130	711	1	High	0.02	0.083	22.70	24.50	1.514	0.126	/
	Off			0	23130	711	25	Mid	0.08	0.068	21.71	23.50	1.510	0.103	/
	Off		Right Tilt	0	23130	711	1	High	-0.02	0.027	22.70	24.50	1.514	0.041	/
	Off			0	23130	711	25	Mid	-0.13	0.011	21.71	23.50	1.510	0.017	/
Body-worn Accessory															
Up	Off	QPSK	Front Side	15	23130	711	1	High	0.04	0.081	22.70	24.50	1.514	0.123	/
	Off			15	23130	711	25	Mid	-0.16	0.066	21.71	23.50	1.510	0.100	/
	Off		Back Side	15	23130	711	1	High	0.18	0.096	22.70	24.50	1.514	0.145	/
	Off			15	23130	711	25	Mid	-0.05	0.078	21.71	23.50	1.510	0.118	/
Down	Off	QPSK	Front Side	15	23130	711	1	High	0.09	0.133	22.70	24.50	1.514	0.201	/
	Off			15	23130	711	25	Mid	0.08	0.110	21.71	23.50	1.510	0.166	/
	Off		Back Side	15	23130	711	1	High	-0.03	0.168	22.70	24.50	1.514	**0.254**	31#
	Off			15	23130	711	25	Mid	-0.18	0.142	21.71	23.50	1.510	0.214	/
Hotspot															
Up	Off	QPSK	Front Side	10	23130	711	1	High	-0.18	0.074	22.70	24.50	1.514	0.112	/
	Off			10	23130	711	25	Mid	-0.18	0.060	21.71	23.50	1.510	0.091	/
	Off		Back Side	10	23130	711	1	High	0.04	0.096	22.70	24.50	1.514	0.145	/
	Off			10	23130	711	25	Mid	-0.07	0.078	21.71	23.50	1.510	0.118	/
	Off		Left Edge	10	23130	711	1	High	0.04	0.084	22.70	24.50	1.514	0.127	/
	Off			10	23130	711	25	Mid	-0.14	0.068	21.71	23.50	1.510	0.103	/
	Off		Right Edge	10	23130	711	1	High	0.13	0.098	22.70	24.50	1.514	0.148	/
	Off			10	23130	711	25	Mid	0.12	0.078	21.71	23.50	1.510	0.118	/
	Off		Top Edge	10	23130	711	1	High	-0.16	0.058	22.70	24.50	1.514	0.088	/
	Off			10	23130	711	25	Mid	0.02	0.048	21.71	23.50	1.510	0.072	/
Down	Off	QPSK	Front Side	10	23130	711	1	High	-0.08	0.122	22.70	24.50	1.514	0.185	/
	Off			10	23130	711	25	Mid	0.11	0.100	21.71	23.50	1.510	0.151	/
	Off		Back Side	10	23130	711	1	High	0.16	0.178	22.70	24.50	1.514	0.269	/

	Off			10	23130	711	25	Mid	-0.07	0.145	21.71	23.50	1.510	0.219	/
	Off		Left Edge	10	23130	711	1	High	-0.09	0.123	22.70	24.50	1.514	0.186	/
	Off			10	23130	711	25	Mid	0.11	0.102	21.71	23.50	1.510	0.154	/
	Off		Right Edge	10	23130	711	1	High	-0.04	0.183	22.70	24.50	1.514	**0.277**	30#
	Off			10	23130	711	25	Mid	0.13	0.172	21.71	23.50	1.510	0.260	/
	Off		Bottom Edge	10	23130	711	1	High	0.06	0.080	22.70	24.50	1.514	0.121	/
	Off			10	23130	711	25	Mid	-0.09	0.067	21.71	23.50	1.510	0.101	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.11 LTE Band 26 (15MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Off	QPSK	Left Cheek	0	26865	831.5	1	Mid	0.02	0.532	22.78	24.50	1.486	0.791	/
	Off			0	26865	831.5	36	Mid	-0.10	0.461	21.75	23.50	1.496	0.690	/
	Off		Left Tilt	0	26865	831.5	1	Mid	0.06	0.509	22.78	24.50	1.486	0.756	/
	Off			0	26865	831.5	36	Mid	0.15	0.432	21.75	23.50	1.496	0.646	/
	Off		Right Cheek	0	26865	831.5	1	Mid	0.09	0.721	22.78	24.50	1.486	1.071	/
	Off			0	26765	821.5	1	Mid	0.07	0.672	22.71	24.50	1.510	1.015	/
	Off			0	26965	841.5	1	Mid	0.01	0.721	22.72	24.50	1.507	**1.086**	33#
	Off			0	26865	831.5	36	Mid	0.05	0.692	21.75	23.50	1.496	1.035	/
	Off			0	26765	821.5	36	Mid	0.19	0.587	21.74	23.50	1.500	0.880	/
	Off			0	26965	841.5	36	Mid	0.02	0.685	21.69	23.50	1.517	1.039	/
	Off			0	26865	831.5	75	Low	-0.17	0.641	21.69	23.50	1.517	0.972	/
	Off		Right Tilt	0	26865	831.5	1	Mid	-0.11	0.645	22.78	24.50	1.486	0.958	/
	Off			0	26765	821.5	1	Mid	0.07	0.518	21.74	23.50	1.500	0.777	/
	Off			0	26965	841.5	1	Mid	0.02	0.657	21.69	23.50	1.517	0.997	/
	Off			0	26865	831.5	36	Mid	-0.18	0.573	21.75	23.50	1.496	0.857	/
	Off			0	26765	821.5	36	Mid	0.11	0.513	21.74	23.50	1.500	0.769	/
	Off			0	26965	841.5	36	Mid	0.09	0.650	21.69	23.50	1.517	0.986	/
	Off			0	26865	831.5	75	Low	-0.17	0.618	21.69	23.50	1.517	0.938	/
Up	Level2&3	QPSK	Left Cheek	0	26865	831.5	1	Mid	0.16	0.443	21.15	22.50	1.365	0.605	/
	Level2&3			0	26865	831.5	36	Mid	0.07	0.448	20.17	21.50	1.358	0.609	/
	Level2&3		Left Tilt	0	26865	831.5	1	Mid	0.19	0.396	21.15	22.50	1.365	0.540	/
	Level2&3			0	26865	831.5	36	Mid	0.02	0.398	20.17	21.50	1.358	0.541	/
	Level2&3		Right Cheek	0	26865	831.5	1	Mid	0.03	0.597	21.15	22.50	1.365	0.815	/
	Level2&3			0	26865	831.5	36	Mid	0.01	0.605	20.17	21.50	1.358	0.822	/
	Level2&3		Right Tilt	0	26865	831.5	1	Mid	0.09	0.519	21.15	22.50	1.365	0.708	/
	Level2&3			0	26865	831.5	36	Mid	-0.19	0.528	20.17	21.50	1.358	0.717	/
Down	Off	QPSK	Left Cheek	0	26865	831.5	1	Mid	-0.15	0.138	22.78	24.50	1.486	0.205	/
	Off			0	26865	831.5	36	Mid	0.06	0.115	21.75	23.50	1.496	0.172	/
	Off		Left Tilt	0	26865	831.5	1	Mid	0.15	0.076	22.78	24.50	1.486	0.113	/
	Off			0	26865	831.5	36	Mid	-0.09	0.063	21.75	23.50	1.496	0.094	/
	Off		Right Cheek	0	26865	831.5	1	Mid	0.01	0.111	22.78	24.50	1.486	0.165	/
	Off			0	26865	831.5	36	Mid	0.03	0.094	21.75	23.50	1.496	0.141	/
	Off		Right Tilt	0	26865	831.5	1	Mid	0.07	0.064	22.78	24.50	1.486	0.095	/
	Off			0	26865	831.5	36	Mid	0.04	0.053	21.75	23.50	1.496	0.079	/
Body-worn Accessory															
Up	Off	QPSK	Front Side	15	26865	831.5	1	Mid	0.11	0.072	22.78	24.50	1.486	0.107	/
	Off			15	26865	831.5	36	Mid	-0.13	0.064	21.75	23.50	1.496	0.096	/
	Off		Back Side	15	26865	831.5	1	Mid	-0.16	0.079	22.78	24.50	1.486	0.117	/
	Off			15	26865	831.5	36	Mid	0.12	0.073	21.75	23.50	1.496	0.109	/

Down	Off	QPSK	Front Side	15	26865	831.5	1	Mid	-0.05	0.106	22.78	24.50	1.486	0.158	/
	Off			15	26865	831.5	36	Mid	0.08	0.091	21.75	23.50	1.496	0.136	/
	Off		Back Side	15	26865	831.5	1	Mid	0.01	0.139	22.78	24.50	1.486	**0.207**	34#
	Off			15	26865	831.5	36	Mid	0.08	0.126	21.75	23.50	1.496	0.189	/
Hotspot															
Up	Off	QPSK	Front Side	10	26865	831.5	1	Mid	0.12	0.106	22.78	24.50	1.486	0.158	/
	Off			10	26865	831.5	36	Mid	0.11	0.092	21.75	23.50	1.496	0.138	/
	Off		Back Side	10	26865	831.5	1	Mid	0.06	0.130	22.78	24.50	1.486	0.193	/
	Off			10	26865	831.5	36	Mid	0.09	0.108	21.75	23.50	1.496	0.162	/
	Off		Left Edge	10	26865	831.5	1	Mid	-0.19	0.066	22.78	24.50	1.486	0.098	/
	Off			10	26865	831.5	36	Mid	-0.09	0.059	21.75	23.50	1.496	0.088	/
	Off		Right Edge	10	26865	831.5	1	Mid	-0.14	0.061	22.78	24.50	1.486	0.091	/
	Off			10	26865	831.5	36	Mid	0.13	0.057	21.75	23.50	1.496	0.085	/
	Off		Top Edge	10	26865	831.5	1	Mid	-0.03	0.103	22.78	24.50	1.486	0.153	/
	Off			10	26865	831.5	36	Mid	-0.12	0.091	21.75	23.50	1.496	0.136	/
Down	Off	QPSK	Front Side	10	26865	831.5	1	Mid	0.06	0.120	22.78	24.50	1.486	0.178	/
	Off			10	26865	831.5	36	Mid	0.08	0.102	21.75	23.50	1.496	0.153	/
	Off		Back Side	10	26865	831.5	1	Mid	-0.02	0.172	22.78	24.50	1.486	**0.256**	35#
	Off			10	26865	831.5	36	Mid	0.08	0.158	21.75	23.50	1.496	0.236	/
	Off		Left Edge	10	26865	831.5	1	Mid	-0.19	0.083	22.78	24.50	1.486	0.123	/
	Off			10	26865	831.5	36	Mid	0.19	0.073	21.75	23.50	1.496	0.109	/
	Off		Right Edge	10	26865	831.5	1	Mid	-0.12	0.141	22.78	24.50	1.486	0.210	/
	Off			10	26865	831.5	36	Mid	-0.11	0.118	21.75	23.50	1.496	0.177	/
	Off		Bottom Edge	10	26865	831.5	1	Mid	-0.15	0.115	22.78	24.50	1.486	0.171	/
	Off			10	26865	831.5	36	Mid	0.12	0.099	21.75	23.50	1.496	0.148	/

Note: Refer to ANNEX C for the detailed test data for each test configuration.

10.12 LTE Band 66 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	132322	1745	1	High	-0.03	0.411	15.89	16.50	1.151	0.473	/
	Level1			0	132322	1745	50	High	0.16	0.397	15.46	16.50	1.271	0.504	/
	Level1		Left Tilt	0	132322	1745	1	High	0.18	0.549	15.89	16.50	1.151	0.632	/
	Level1			0	132322	1745	50	High	0.11	0.533	15.46	16.50	1.271	0.677	/
	Level1		Right Cheek	0	132322	1745	1	High	0.16	0.555	15.89	16.50	1.151	0.639	/
	Level1			0	132322	1745	50	High	-0.03	0.539	15.46	16.50	1.271	0.685	/
	Level1		Right Tilt	0	132322	1745	1	High	-0.16	0.714	15.89	16.50	1.151	0.822	/
	Level1			0	132072	1720	1	High	-0.05	0.652	15.61	16.50	1.227	0.800	/
	Level1			0	132572	1770	1	High	0.11	0.745	15.48	16.50	1.265	**0.942**	36#
	Level1			0	132322	1745	50	High	0.18	0.646	15.46	16.50	1.271	0.821	/
	Level1			0	132072	1720	50	High	0.08	0.632	15.40	16.50	1.288	0.814	/
	Level1			0	132572	1770	50	High	-0.19	0.647	15.42	16.50	1.282	0.830	/
	Level1			0	132322	1745	100	Low	0.19	0.619	15.43	16.50	1.279	0.792	/
Up	Level2&3	QPSK	Left Cheek	0	132322	1745	1	High	-0.12	0.262	13.88	14.50	1.153	0.302	/
	Level2&3			0	132322	1745	50	High	-0.11	0.255	13.07	14.50	1.390	0.354	/
	Level2&3		Left Tilt	0	132322	1745	1	High	-0.15	0.354	13.88	14.50	1.153	0.408	/
	Level2&3			0	132322	1745	50	High	0.16	0.345	13.07	14.50	1.390	0.480	/
	Level2&3		Right Cheek	0	132322	1745	1	High	0.07	0.347	13.88	14.50	1.153	0.400	/
	Level2&3			0	132322	1745	50	High	0.06	0.333	13.07	14.50	1.390	0.463	/
	Level2&3		Right Tilt	0	132322	1745	1	High	0.12	0.456	13.88	14.50	1.153	0.526	/
	Level2&3			0	132322	1745	50	High	-0.12	0.441	13.07	14.50	1.390	0.613	/
Down	Off	QPSK	Left Cheek	0	132322	1745	1	High	0.14	0.143	23.13	24.00	1.222	0.175	/
	Off			0	132322	1745	50	High	-0.06	0.106	21.87	23.00	1.297	0.138	/
	Off		Left Tilt	0	132322	1745	1	High	0.08	0.057	23.13	24.00	1.222	0.070	/
	Off			0	132322	1745	50	High	0.11	0.044	21.87	23.00	1.297	0.057	/
	Off		Right Cheek	0	132322	1745	1	High	0.09	0.087	23.13	24.00	1.222	0.106	/
	Off			0	132322	1745	50	High	0.06	0.066	21.87	23.00	1.297	0.086	/
	Off		Right Tilt	0	132322	1745	1	High	0.18	0.070	23.13	24.00	1.222	0.086	/
	Off			0	132322	1745	50	High	0.03	0.054	21.87	23.00	1.297	0.070	/
Body-worn Accessory															
Up	LeweL4	QPSK	Front Side	15	132322	1745	1	High	-0.01	0.155	18.76	19.50	1.186	0.184	/
	LeweL4			15	132322	1745	50	High	0.03	0.146	17.88	19.50	1.452	0.212	/
	LeweL4		Back Side	15	132322	1745	1	High	-0.08	0.197	18.76	19.50	1.186	0.234	/
	LeweL4			15	132322	1745	50	High	-0.09	0.192	17.88	19.50	1.452	0.279	/
Up	Level2&3	QPSK	Front Side	15	132322	1745	1	High	0.05	0.097	17.75	18.00	1.059	0.103	/
	Level2&3			15	132322	1745	50	High	0.08	0.094	17.45	18.00	1.135	0.107	/
	Level2&3		Back Side	15	132322	1745	1	High	0.14	0.126	17.75	18.00	1.059	0.133	/
	Level2&3			15	132322	1745	50	High	0.16	0.122	17.45	18.00	1.135	0.138	/
Down	LeveL4&	QPSK	Front Side	15	132322	1745	1	High	-0.15	0.152	19.78	20.50	1.180	0.179	/

	5&6													
	LeveL4&5&6			15	132322	1745	50	High	0.09	0.120	19.23	20.50	1.340	0.161	/
	LeveL4&5&6		Back Side	15	132322	1745	1	High	0.13	0.244	19.78	20.50	1.180	**0.288**	37#
	LeveL4&5&6			15	132322	1745	50	High	0.13	0.190	19.23	20.50	1.340	0.255	/
Hotspot															
Up	Level2&3	QPSK	Front Side	10	132322	1745	1	High	-0.08	0.189	17.75	18.00	1.059	0.200	/
	Level2&3			10	132322	1745	50	High	0.05	0.180	17.46	18.00	1.132	0.204	/
	Level2&3		Back Side	10	132322	1745	1	High	-0.14	0.245	17.75	18.00	1.059	0.260	/
	Level2&3			10	132322	1745	50	High	0.14	0.239	17.46	18.00	1.132	0.271	/
	Level2&3		Left Edge	10	132322	1745	1	High	0.10	0.001	17.75	18.00	1.059	0.001	/
	Level2&3			10	132322	1745	50	High	0.09	0.003	17.46	18.00	1.132	0.003	/
	Level2&3		Right Edge	10	132322	1745	1	High	0.08	0.005	17.75	18.00	1.059	0.005	/
	Level2&3			10	132322	1745	50	High	0.11	0.006	17.46	18.00	1.132	0.007	/
	Level2&3		Top Edge	10	132322	1745	1	High	-0.10	0.385	17.75	18.00	1.059	0.408	/
	Level2&3			10	132322	1745	50	High	-0.17	0.374	17.46	18.00	1.132	0.424	/
Down	Level2&3	QPSK	Front Side	10	132322	1745	1	High	0.11	0.220	19.78	20.50	1.180	0.260	/
	Level2&3			10	132322	1745	50	High	-0.18	0.218	19.23	20.50	1.340	0.292	/
	Level2&3		Back Side	10	132322	1745	1	High	0.02	0.345	19.78	20.50	1.180	0.407	/
	Level2&3			10	132322	1745	50	High	0.06	0.346	19.23	20.50	1.340	0.464	/
	Level2&3		Left Edge	10	132322	1745	1	High	0.09	0.089	19.78	20.50	1.180	0.105	/
	Level2&3			10	132322	1745	50	High	0.15	0.087	19.23	20.50	1.340	0.117	/
	Level2&3		Right Edge	10	132322	1745	1	High	-0.12	0.055	19.78	20.50	1.180	0.065	/
	Level2&3			10	132322	1745	50	High	0.11	0.052	19.23	20.50	1.340	0.070	/
	Level2&3		Bottom Edge	10	132322	1745	1	High	0.01	0.372	19.78	20.50	1.180	0.439	/
	Level2&3			10	132322	1745	50	High	0.04	0.434	19.23	20.50	1.340	**0.581**	38#
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific															
Up	LeweL4	QPSK	Top Edge	0	132322	1745	1	High	0.01	1.550	18.76	19.50	1.186	1.838	/
	LeweL4			0	132322	1745	50	High	0.05	1.580	17.88	19.50	1.452	**2.294**	39#
Up	Level2&3		Top Edge	0	132322	1745	1	High	0.02	0.918	17.75	18.00	1.059	0.972	/
	Level2&3			0	132322	1745	50	High	0.15	0.897	17.45	18.00	1.135	1.018	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.13 LTE Band 38 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	37850	2580	1	High	-0.13	0.206	17.97	18.50	1.130	0.233	/
	Level1			0	37850	2580	50	Mid	-0.13	0.205	17.87	18.50	1.156	0.237	/
	Level1		Left Tilt	0	37850	2580	1	High	0.06	0.248	17.97	18.50	1.130	0.280	/
	Level1			0	37850	2580	50	Mid	-0.10	0.251	17.87	18.50	1.156	0.290	/
	Level1		Right Cheek	0	37850	2580	1	High	0.07	0.634	17.97	18.50	1.130	0.716	/
	Level1			0	37850	2580	50	Mid	-0.17	0.629	17.87	18.50	1.156	0.727	/
	Level1		Right Tilt	0	37850	2580	1	High	0.04	0.732	17.97	18.50	1.130	0.827	/
	Level1			0	38000	2595	1	High	0.15	0.726	17.87	18.50	1.156	0.839	/
	Level1			0	38150	2610	1	High	0.02	0.699	17.66	18.50	1.213	0.848	/
	Level1			0	37850	2580	50	Mid	-0.13	0.722	17.87	18.50	1.156	0.835	/
	Level1			0	38000	2595	50	Mid	0.01	0.730	17.79	18.50	1.178	0.860	/
	Level1			0	38150	2610	50	Mid	0.10	0.735	17.81	18.50	1.172	**0.862**	40#
	Level1			0	37850	2580	100	Low	0.03	0.709	17.85	18.50	1.161	0.823	/
Up	Level2&3	QPSK	Left Cheek	0	37850	2580	1	High	0.02	0.128	15.96	16.50	1.132	0.145	/
	Level2&3			0	37850	2580	50	Mid	0.13	0.127	15.09	16.50	1.384	0.176	/
	Level2&3		Left Tilt	0	37850	2580	1	High	-0.06	0.160	15.96	16.50	1.132	0.181	/
	Level2&3			0	37850	2580	50	Mid	-0.17	0.156	15.09	16.50	1.384	0.216	/
	Level2&3		Right Cheek	0	37850	2580	1	High	0.02	0.401	15.96	16.50	1.132	0.454	/
	Level2&3			0	37850	2580	50	Mid	0.16	0.400	15.09	16.50	1.384	0.553	/
	Level2&3		Right Tilt	0	37850	2580	1	High	0.05	0.466	15.96	16.50	1.132	0.528	/
	Level2&3			0	37850	2580	50	Mid	-0.01	0.460	15.09	16.50	1.384	0.636	/
Down	Off	QPSK	Left Cheek	0	37850	2580	1	High	0.04	0.183	23.28	24.00	1.180	0.216	/
	Off			0	37850	2580	50	Mid	-0.12	0.154	22.39	23.00	1.151	0.177	/
	Off		Left Tilt	0	37850	2580	1	High	0.18	0.124	23.28	24.00	1.180	0.146	/
	Off			0	37850	2580	50	Mid	0.19	0.100	22.39	23.00	1.151	0.115	/
	Off		Right Cheek	0	37850	2580	1	High	-0.02	0.345	23.28	24.00	1.180	0.407	/
	Off			0	37850	2580	50	Mid	0.11	0.279	22.39	23.00	1.151	0.321	/
	Off		Right Tilt	0	37850	2580	1	High	0.16	0.178	23.28	24.00	1.180	0.210	/
	Off			0	37850	2580	50	Mid	-0.03	0.133	22.39	23.00	1.151	0.153	/
Body-worn Accessory															
Up	Off	QPSK	Front Side	15	37850	2580	1	High	0.01	0.150	23.28	24.00	1.180	0.177	/
	Off			15	37850	2580	50	Mid	-0.12	0.112	22.39	23.00	1.151	0.129	/
	Off		Back Side	15	37850	2580	1	High	0.08	0.261	23.28	24.00	1.180	**0.308**	41#
	Off			15	37850	2580	50	Mid	0.11	0.172	22.39	23.00	1.151	0.198	/
Up	Level5&6	QPSK	Front Side	15	37850	2580	1	High	0.05	0.142	22.70	23.50	1.202	0.171	/
	Level5&6			15	37850	2580	50	Mid	0.08	0.112	21.79	22.50	1.178	0.132	/
	Level5&6		Back Side	15	37850	2580	1	High	0.15	0.204	22.70	23.50	1.202	0.245	/
	Level5&6			15	37850	2580	50	Mid	-0.10	0.177	21.79	22.50	1.178	0.208	/
Down	Off	QPSK	Front Side	15	37850	2580	1	High	0.06	0.200	23.28	24.00	1.180	0.236	/

	Off			15	37850	2580	50	Mid	-0.15	0.179	22.39	23.00	1.151	0.206	/
	Off		Back Side	15	37850	2580	1	High	0.06	0.198	23.28	24.00	1.180	0.234	/
	Off			15	37850	2580	50	Mid	0.08	0.163	22.39	23.00	1.151	0.188	/
Hotspot															
Up	Level5&6	QPSK	Front Side	10	37850	2580	1	High	0.03	0.252	22.70	23.50	1.202	0.303	/
	Level5&6			10	37850	2580	50	Mid	-0.04	0.232	21.79	22.50	1.178	0.273	/
	Level5&6		Back Side	10	37850	2580	1	High	0.10	0.472	22.70	23.50	1.202	0.567	/
	Level5&6			10	37850	2580	50	Mid	0.13	0.424	21.79	22.50	1.178	0.499	/
	Level5&6		Left Edge	10	37850	2580	1	High	-0.15	0.006	22.70	23.50	1.202	0.007	/
	Level5&6			10	37850	2580	50	Mid	0.10	0.005	21.79	22.50	1.178	0.006	/
	Level5&6		Right Edge	10	37850	2580	1	High	0.03	0.315	22.70	23.50	1.202	0.379	/
	Level5&6			10	37850	2580	50	Mid	0.07	0.268	21.79	22.50	1.178	0.316	/
	Level5&6		Top Edge	10	37850	2580	1	High	0.11	0.546	22.70	23.50	1.202	**0.656**	42#
	Level5&6			10	37850	2580	50	Mid	0.06	0.478	21.79	22.50	1.178	0.563	/
Down	Off	QPSK	Front Side	10	37850	2580	1	High	0.04	0.426	23.28	24.00	1.180	0.503	/
	Off			10	37850	2580	50	Mid	0.03	0.342	22.39	23.00	1.151	0.394	/
	Off		Back Side	10	37850	2580	1	High	-0.17	0.378	23.28	24.00	1.180	0.446	/
	Off			10	37850	2580	50	Mid	0.02	0.306	22.39	23.00	1.151	0.352	/
	Off		Left Edge	10	37850	2580	1	High	0.06	0.370	23.28	24.00	1.180	0.437	/
	Off			10	37850	2580	50	Mid	-0.12	0.287	22.39	23.00	1.151	0.330	/
	Off		Right Edge	10	37850	2580	1	High	0.13	0.050	23.28	24.00	1.180	0.059	/
	Off			10	37850	2580	50	Mid	-0.08	0.043	22.39	23.00	1.151	0.049	/
	Off		Bottom Edge	10	37850	2580	1	High	0.09	0.254	23.28	24.00	1.180	0.300	/
	Off			10	37850	2580	50	Mid	-0.11	0.198	22.39	23.00	1.151	0.228	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.14 LTE Band 41 (20MHz Bandwidth)

Antenna	Power Reduction	Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	RB Num.	RB Start	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
Up	Level1	QPSK	Left Cheek	0	40140	2545	1	Low	0.11	0.203	18.43	18.80	1.089	0.221	/
	Level1			0	40140	2545	50	Low	0.05	0.206	17.79	18.80	1.262	0.260	/
	Level1		Left Tilt	0	40140	2545	1	Low	-0.14	0.250	18.43	18.80	1.089	0.272	/
	Level1			0	40140	2545	50	Low	0.12	0.257	17.79	18.80	1.262	0.324	/
	Level1		Right Cheek	0	40140	2545	1	Low	0.02	0.587	18.43	18.80	1.089	0.639	/
	Level1			0	40140	2545	50	Low	0.11	0.595	17.79	18.80	1.262	0.751	/
	Level1		Right Tilt	0	40140	2545	1	Low	0.05	0.649	18.43	18.80	1.089	0.707	/
	Level1			0	40140	2545	50	Low	0.19	0.672	17.79	18.80	1.262	0.848	/
	Level1			0	40765	2607.5	50	Low	0.08	0.810	17.71	18.80	1.285	**1.041**	43#
	Level1			0	41140	2645	50	Low	0.11	0.770	17.69	18.80	1.291	0.994	/
	Level1			0	40140	2545	100	Low	0.03	0.693	17.73	18.80	1.279	0.887	/
Up	Level2&3	QPSK	Left Cheek	0	40140	2545	1	Low	-0.13	0.126	16.55	16.80	1.059	0.133	/
	Level2&3			0	40140	2545	50	Low	-0.18	0.127	15.91	16.80	1.227	0.156	/
	Level2&3		Left Tilt	0	40140	2545	1	Low	-0.17	0.154	16.55	16.80	1.059	0.163	/
	Level2&3			0	40140	2545	50	Low	-0.07	0.157	15.91	16.80	1.227	0.193	/
	Level2&3		Right Cheek	0	40140	2545	1	Low	0.02	0.383	16.55	16.80	1.059	0.406	/
	Level2&3			0	40140	2545	50	Low	0.07	0.388	15.91	16.80	1.227	0.476	/
	Level2&3		Right Tilt	0	40140	2545	1	Low	-0.19	0.420	16.55	16.80	1.059	0.445	/
	Level2&3			0	40140	2545	50	Low	0.01	0.439	15.91	16.80	1.227	0.539	/
Down	Off	QPSK	Left Cheek	0	40140	2545	1	Low	0.05	0.168	23.29	23.80	1.125	0.189	/
	Off			0	40140	2545	50	Low	0.12	0.136	22.36	22.80	1.107	0.151	/
	Off		Left Tilt	0	40140	2545	1	Low	0.05	0.108	23.29	23.80	1.125	0.121	/
	Off			0	40140	2545	50	Low	-0.16	0.088	22.36	22.80	1.107	0.097	/
	Off		Right Cheek	0	40140	2545	1	Low	0.15	0.296	23.29	23.80	1.125	0.333	/
	Off			0	40140	2545	50	Low	0.04	0.243	22.36	22.80	1.107	0.269	/
	Off		Right Tilt	0	40140	2545	1	Low	0.11	0.145	23.29	23.80	1.125	0.163	/
	Off			0	40140	2545	50	Low	0.14	0.107	22.36	22.80	1.107	0.118	/
Body-worn Accessory															
Up	Off	QPSK	Front Side	15	40140	2545	1	Low	0.18	0.107	23.29	23.80	1.125	0.120	/
	Off			15	40140	2545	50	Low	0.04	0.086	22.36	22.80	1.107	0.095	/
	Off		Back Side	15	40140	2545	1	Low	0.05	0.246	23.29	23.80	1.125	**0.277**	44#
	Off			15	40140	2545	50	Low	0.19	0.156	22.36	22.80	1.107	0.173	/
Up	Level5&6	QPSK	Front Side	15	40140	2545	1	Low	-0.02	0.098	22.71	23.30	1.146	0.112	/
	Level5&6			15	40140	2545	50	Low	0.06	0.087	21.80	22.30	1.122	0.098	/
	Level5&6		Back Side	15	40140	2545	1	Low	-0.07	0.185	22.71	23.30	1.146	0.212	/
	Level5&6			15	40140	2545	50	Low	0.02	0.159	21.80	22.30	1.122	0.178	/
Down	Off	QPSK	Front Side	15	40140	2545	1	Low	0.06	0.178	23.29	23.80	1.125	0.200	/
	Off			15	40140	2545	50	Low	0.08	0.155	22.36	22.80	1.107	0.172	/
	Off		Back Side	15	40140	2545	1	Low	-0.11	0.186	23.29	23.80	1.125	0.209	/

	Off			15	40140	2545	50	Low	0.10	0.151	22.36	22.80	1.107	0.167	/
Hotspot															
Up	Level5&6	QPSK	Front Side	10	40140	2545	1	Low	0.06	0.223	22.71	23.30	1.146	0.255	/
	Level5&6			10	40140	2545	50	Low	0.05	0.195	21.80	22.30	1.122	0.219	/
	Level5&6		Back Side	10	40140	2545	1	Low	-0.12	0.437	22.71	23.30	1.146	0.501	/
	Level5&6			10	40140	2545	50	Low	0.06	0.376	21.80	22.30	1.122	0.422	/
	Level5&6		Left Edge	10	40140	2545	1	Low	0.02	0.005	22.71	23.30	1.146	0.006	/
	Level5&6			10	40140	2545	50	Low	0.11	0.001	21.80	22.30	1.122	0.001	/
	Level5&6		Right Edge	10	40140	2545	1	Low	0.13	0.204	22.71	23.30	1.146	0.234	/
	Level5&6			10	40140	2545	50	Low	-0.16	0.188	21.80	22.30	1.122	0.211	/
	Level5&6		Top Edge	10	40140	2545	1	Low	0.02	0.639	22.71	23.30	1.146	**0.732**	45#
	Level5&6			10	40140	2545	50	Low	0.05	0.493	21.80	22.30	1.122	0.553	/
Down	Off	QPSK	Front Side	10	40140	2545	1	Low	0.07	0.317	23.29	23.80	1.125	0.356	/
	Off			10	40140	2545	50	Low	0.17	0.260	22.36	22.80	1.107	0.288	/
	Off		Back Side	10	40140	2545	1	Low	0.01	0.311	23.29	23.80	1.125	0.350	/
	Off			10	40140	2545	50	Low	-0.08	0.254	22.36	22.80	1.107	0.281	/
	Off		Left Edge	10	40140	2545	1	Low	0.06	0.289	23.29	23.80	1.125	0.325	/
	Off			10	40140	2545	50	Low	-0.18	0.240	22.36	22.80	1.107	0.266	/
	Off		Right Edge	10	40140	2545	1	Low	0.02	0.054	23.29	23.80	1.125	0.061	/
	Off			10	40140	2545	50	Low	0.16	0.042	22.36	22.80	1.107	0.046	/
	Off		Bottom Edge	10	40140	2545	1	Low	-0.03	0.215	23.29	23.80	1.125	0.242	/
	Off			10	40140	2545	50	Low	0.14	0.173	22.36	22.80	1.107	0.191	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.15 WIFI 2.4GHz

Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head														
802.11b	Level1	Left Cheek	0	1	2412	-0.02	0.316	13.80	15.50	1.479	98.94	1.011	**0.472**	46#
	Level1	Left Tilt	0	1	2412	0.03	0.201	13.80	15.50	1.479	98.94	1.011	0.300	/
	Level1	Right Cheek	0	1	2412	0.01	0.111	13.80	15.50	1.479	98.94	1.011	0.166	/
	Level1	Right Tilt	0	1	2412	0.10	0.136	13.80	15.50	1.479	98.94	1.011	0.203	/
802.11b	Level2&3	Left Cheek	0	1	2412	-0.16	0.099	10.84	12.50	1.466	98.94	1.011	0.147	/
	Level2&3	Left Tilt	0	1	2412	0.09	0.077	10.84	12.50	1.466	98.94	1.011	0.114	/
	Level2&3	Right Cheek	0	1	2412	0.08	0.008	10.84	12.50	1.466	98.94	1.011	0.012	/
	Level2&3	Right Tilt	0	1	2412	0.05	0.004	10.84	12.50	1.466	98.94	1.011	0.006	/
Body-worn Accessory														
802.11b	Off	Front Side	15	1	2412	0.01	0.095	18.18	20.00	1.521	98.94	1.011	0.146	/
	Off	Back Side	15	1	2412	-0.01	0.096	18.18	20.00	1.521	98.94	1.011	**0.148**	47#
802.11b	LeveL5	Front Side	15	1	2412	0.08	0.052	17.17	19.00	1.524	98.94	1.011	0.080	/
	LeveL5	Back Side	15	1	2412	-0.03	0.057	17.17	19.00	1.524	98.94	1.011	0.088	/
Hotspot														
802.11b	LeveL5	Front Side	10	1	2412	-0.13	0.087	17.17	19.00	1.524	98.94	1.011	0.134	/
	LeveL5	Back Side	10	1	2412	0.15	0.096	17.17	19.00	1.524	98.94	1.011	0.148	/
	LeveL5	Left Edge	10	1	2412	0.09	0.069	17.17	19.00	1.524	98.94	1.011	0.106	/
	LeveL5	Right Edge	10	1	2412	0.11	0.009	17.17	19.00	1.524	98.94	1.011	0.014	/
	LeveL5	Top Edge	10	1	2412	0.06	0.172	17.17	19.00	1.524	98.94	1.011	**0.265**	48#
	LeveL5	Bottom Edge	10	1	2412	0.02	0.002	17.17	19.00	1.524	98.94	1.011	0.003	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.														

10.16 WIFI 5GHz

Fre. Band	Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head															
5.3G	802.11a	Level1	Left Cheek	0	52	5260	0.01	0.148	11.57	13.50	1.560	98.43	1.016	0.234	/
		Level1	Left Tilt	0	52	5260	0.06	0.203	11.57	13.50	1.560	98.43	1.016	**0.322**	49#
		Level1	Right Cheek	0	52	5260	-0.03	0.039	11.57	13.50	1.560	98.43	1.016	0.062	/
		Level1	Right Tilt	0	52	5260	0.02	0.049	11.57	13.50	1.560	98.43	1.016	0.078	/
5.3G	802.11a	Level2&3	Left Cheek	0	52	5260	0.11	0.074	8.58	10.50	1.556	98.43	1.016	0.117	/
		Level2&3	Left Tilt	0	52	5260	0.12	0.078	8.58	10.50	1.556	98.43	1.016	0.123	/
		Level2&3	Right Cheek	0	52	5260	-0.09	0.036	8.58	10.50	1.556	98.43	1.016	0.057	/
		Level2&3	Right Tilt	0	52	5260	0.02	0.048	8.58	10.50	1.556	98.43	1.016	0.076	/
5.6G	802.11a	Level1	Left Cheek	0	116	5580	0.15	0.242	11.83	13.50	1.469	98.43	1.016	0.361	/
		Level1	Left Tilt	0	116	5580	0.01	0.302	11.83	13.50	1.469	98.43	1.016	**0.451**	50#
		Level1	Right Cheek	0	116	5580	-0.06	0.095	11.83	13.50	1.469	98.43	1.016	0.142	/
		Level1	Right Tilt	0	116	5580	0.13	0.112	11.83	13.50	1.469	98.43	1.016	0.167	/
5.6G	802.11a	Level2&3	Left Cheek	0	116	5580	0.05	0.120	8.76	10.50	1.493	98.43	1.016	0.182	/
		Level2&3	Left Tilt	0	116	5580	0.03	0.139	8.76	10.50	1.493	98.43	1.016	0.211	/
		Level2&3	Right Cheek	0	116	5580	0.12	0.050	8.76	10.50	1.493	98.43	1.016	0.076	/
		Level2&3	Right Tilt	0	116	5580	0.18	0.055	8.76	10.50	1.493	98.43	1.016	0.083	/
5.8G	802.11a	Level1	Left Cheek	0	149	5745	-0.10	0.073	10.81	11.50	1.172	98.43	1.016	0.087	/
		Level1	Left Tilt	0	149	5745	0.02	0.078	10.81	11.50	1.172	98.43	1.016	**0.093**	51#
		Level1	Right Cheek	0	149	5745	0.15	0.062	10.81	11.50	1.172	98.43	1.016	0.074	/
		Level1	Right Tilt	0	149	5745	-0.06	0.062	10.81	11.50	1.172	98.43	1.016	0.074	/
5.8G	802.11a	Level2&3	Left Cheek	0	149	5745	0.06	0.050	7.77	8.50	1.183	98.43	1.016	0.060	/
		Level2&3	Left Tilt	0	149	5745	0.09	0.046	7.77	8.50	1.183	98.43	1.016	0.055	/
		Level2&3	Right Cheek	0	149	5745	0.01	0.073	7.77	8.50	1.183	98.43	1.016	0.088	/
		Level2&3	Right Tilt	0	149	5745	0.16	0.055	7.77	8.50	1.183	98.43	1.016	0.066	/
Body-worn Accessory															
5.3G	802.11a	Off	Front Side	15	52	5260	0.02	0.057	17.06	19.00	1.563	98.43	1.016	0.091	/
		Off	Back Side	15	52	5260	0.11	0.127	17.06	19.00	1.563	98.43	1.016	**0.202**	52#
5.3G	802.11a	LeveL6	Front Side	15	52	5260	0.16	0.037	16.04	18.00	1.570	98.43	1.016	0.059	/
		LeveL6	Back Side	15	52	5260	-0.18	0.086	16.04	18.00	1.570	98.43	1.016	0.137	/
5.6G	802.11a	Off	Front Side	15	116	5580	0.05	0.094	17.23	19.00	1.503	98.43	1.016	0.144	/
		Off	Back Side	15	116	5580	0.06	0.223	17.23	19.00	1.503	98.43	1.016	**0.341**	53#
5.6G	802.11a	LeveL6	Front Side	15	116	5580	0.01	0.065	16.35	18.00	1.462	98.43	1.016	0.097	/
		LeveL6	Back Side	15	116	5580	0.06	0.166	16.35	18.00	1.462	98.43	1.016	0.247	/
5.8G	802.11a	Off	Front Side	15	149	5745	0.01	0.037	16.28	17.00	1.180	98.43	1.016	0.044	/
		Off	Back Side	15	149	5745	-0.05	0.120	16.28	17.00	1.180	98.43	1.016	**0.144**	54#
5.8G	802.11a	LeveL6	Front Side	15	149	5745	0.15	0.000	15.24	16.00	1.191	98.43	1.016	0.000	/
		LeveL6	Back Side	15	149	5745	0.11	0.061	15.24	16.00	1.191	98.43	1.016	0.074	/
Hotspot															
5.2G	802.11	LeveL6	Front Side	10	46	5230	0.16	0.073	16.17	18.00	1.524	96.46	1.037	0.115	/

	n40	LeveL6	Back Side	10	46	5230	-0.04	0.126	16.17	18.00	1.524	96.46	1.037	0.199	/
		LeveL6	Left Edge	10	46	5230	-0.12	0.094	16.17	18.00	1.524	96.46	1.037	0.149	/
		LeveL6	Right Edge	10	46	5230	-0.15	0.003	16.17	18.00	1.524	96.46	1.037	0.005	/
		LeveL6	Top Edge	10	46	5230	0.18	0.173	16.17	18.00	1.524	96.46	1.037	**0.273**	55#
		LeveL6	Bottom Edge	10	46	5230	0.08	0.002	16.17	18.00	1.524	96.46	1.037	0.003	/
5.8G	802.11a	LeveL6	Front Side	10	149	5745	-0.05	0.048	15.27	16.00	1.183	98.43	1.016	0.058	/
		LeveL6	Back Side	10	149	5745	0.10	0.090	15.27	16.00	1.183	98.43	1.016	0.108	/
		LeveL6	Left Edge	10	149	5745	0.03	0.056	15.27	16.00	1.183	98.43	1.016	0.067	/
		LeveL6	Right Edge	10	149	5745	-0.15	0.002	15.27	16.00	1.183	98.43	1.016	0.002	/
		LeveL6	Top Edge	10	149	5745	0.06	0.120	15.27	16.00	1.183	98.43	1.016	**0.144**	56#
		LeveL6	Bottom Edge	10	149	5745	0.01	0.001	15.27	16.00	1.183	98.43	1.016	0.001	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

Fre. Band	Mode	Power Reduction	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	10g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	10g Scaled SAR (W/kg)	Meas. No.
Specific															
5.3G	802.11a	Off	Front Side	0	52	5260	-0.06	0.298	17.06	19.00	1.563	98.43	1.016	0.473	/
		Off	Back Side	0	52	5260	0.13	0.208	17.06	19.00	1.563	98.43	1.016	0.330	/
		Off	Left Edge	0	52	5260	0.04	0.291	17.06	19.00	1.563	98.43	1.016	0.462	/
		Off	Right Edge	0	52	5260	0.12	0.014	17.06	19.00	1.563	98.43	1.016	0.022	/
		Off	Top Edge	0	52	5260	-0.09	0.307	17.06	19.00	1.563	98.43	1.016	**0.488**	57#
		Off	Bottom Edge	0	52	5260	-0.09	0.005	17.06	19.00	1.563	98.43	1.016	0.008	/
5.3G	802.11a	LeveL6	Front Side	0	52	5260	0.11	0.233	16.04	18.00	1.570	98.43	1.016	0.372	/
		LeveL6	Back Side	0	52	5260	0.02	0.126	16.04	18.00	1.570	98.43	1.016	0.201	/
		LeveL6	Left Edge	0	52	5260	-0.09	0.223	16.04	18.00	1.570	98.43	1.016	0.356	/
		LeveL6	Right Edge	0	52	5260	0.08	0.000	16.04	18.00	1.570	98.43	1.016	0.000	/
		LeveL6	Top Edge	0	52	5260	0.12	0.234	16.04	18.00	1.570	98.43	1.016	0.373	/
		LeveL6	Bottom Edge	0	52	5260	0.12	0.002	16.04	18.00	1.570	98.43	1.016	0.003	/
5.6G	802.11a	Off	Front Side	0	116	5580	0.16	0.533	17.23	19.00	1.503	98.43	1.016	0.814	/
		Off	Back Side	0	116	5580	-0.03	0.473	17.23	19.00	1.503	98.43	1.016	0.722	/
		Off	Left Edge	0	116	5580	0.02	0.365	17.23	19.00	1.503	98.43	1.016	0.557	/
		Off	Right Edge	0	116	5580	0.11	0.061	17.23	19.00	1.503	98.43	1.016	0.093	/
		Off	Top Edge	0	116	5580	0.06	0.609	17.23	19.00	1.503	98.43	1.016	**0.930**	58#
		Off	Bottom Edge	0	116	5580	0.06	0.006	17.23	19.00	1.503	98.43	1.016	0.009	/
5.6G	802.11a	LeveL6	Front Side	0	116	5580	0.18	0.394	16.35	18.00	1.462	98.43	1.016	0.585	/
		LeveL6	Back Side	0	116	5580	-0.07	0.328	16.35	18.00	1.462	98.43	1.016	0.487	/
		LeveL6	Left Edge	0	116	5580	0.03	0.252	16.35	18.00	1.462	98.43	1.016	0.374	/
		LeveL6	Right Edge	0	116	5580	-0.02	0.046	16.35	18.00	1.462	98.43	1.016	0.068	/
		LeveL6	Top Edge	0	116	5580	0.15	0.514	16.35	18.00	1.462	98.43	1.016	0.764	/
		LeveL6	Bottom Edge	0	116	5580	0.15	0.003	16.35	18.00	1.462	98.43	1.016	0.004	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.															

10.17 Bluetooth

Mode	Position	Dist. (mm)	Ch.	Freq. (MHz)	Power Drift (dB)	1g Meas SAR (W/kg)	Meas. Power (dBm)	Max. tune-up power (dBm)	Scaling Factor	Duty cycle (%)	Duty Factor	1g Scaled SAR (W/kg)	Meas. No.
Head													
DH5	Left Cheek	0	39	2441	-0.04	0.165	12.53	13.00	1.114	77.01	1.299	**0.293**	59
	Left Tilt	0	39	2441	0.09	0.101	12.53	13.00	1.114	77.01	1.299	0.180	/
	Right Cheek	0	39	2441	0.04	0.078	12.53	13.00	1.114	77.01	1.299	0.139	/
	Right Tilt	0	39	2441	0.01	0.069	12.53	13.00	1.114	77.01	1.299	0.123	/
Body-worn Accessory													
DH5	Front Side	15	39	2441	0.09	0.011	12.53	13.00	1.114	77.01	1.299	0.020	/
	Back Side	15	39	2441	0.01	0.024	12.53	13.00	1.114	77.01	1.299	**0.043**	60
Hotspot													
DH5	Front Side	10	39	2441	0.04	0.001	12.53	13.00	1.114	77.01	1.299	0.002	/
	Back Side	10	39	2441	-0.04	0.009	12.53	13.00	1.114	77.01	1.299	0.016	/
	Left Edge	10	39	2441	0.06	0.002	12.53	13.00	1.114	77.01	1.299	0.004	/
	Right Edge	10	39	2441	0.09	0.001	12.53	13.00	1.114	77.01	1.299	0.002	/
	Top Edge	10	39	2441	0.02	0.038	12.53	13.00	1.114	77.01	1.299	**0.068**	61
	Bottom Edge	10	39	2441	0.02	0.002	12.53	13.00	1.114	77.01	1.299	0.004	/
Note: Refer to ANNEX C for the detailed test data for each test configuration.													

11 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10, the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is >= 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20, or when the original or repeated measurement is >= 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20, and the original, first or second repeated measurement is >= 1.5 W/kg, perform a third repeated measurement.

Frequency Band (MHz)	Wireless Band	RF Exposure Conditions	Test Position	Highest Measured SAR (W/kg)	Repeated SAR (Yes/No)	Repeated^{1th} Measured SAR (W/kg)	Largest to Smallest SAR Radio
824.2	GSM 850	Head	Right Cheek	0.819	Yes	0.809	1.01
1909.8	GSM 1900	Head	Right Tilt	0.878	Yes	0.871	1.01
1907.6	WCDMA Band 2	Head	Right Tilt	0.908	Yes	0.901	1.01
1752.6	WCDMA Band 4	Head	Right Tilt	0.897	Yes	0.879	1.02
1752.6	WCDMA Band 4	Hotspot	Top Edge	0.866	Yes	0.859	1.01
1900	LTE Band 2	Head	Right Tilt	0.827	Yes	0.819	1.01
1745	LTE Band 4	Head	Right Tilt	0.814	Yes	0.809	1.01
2607.5	LTE Band 41	Head	Head	0.810	Yes	0.798	1.02
Note: The ratio of largest to smallest SAR for the original and first repeated measurements is < 1.20, the second repeated measurement. is not required.							

12 SIMULTANEOUS TRANSMISSION

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR 1g of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR 1g 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR 1g is greater than the SAR limit (SAR 1g 1.6 W/kg), SAR test exclusion is determined by the SAR to Peak Location Ratio (SPLSR).

12.1 Simultaneous Transmission Mode Consider

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot
1	GSM + 2.4G WIFI	Yes	Yes	Yes
2	GSM + 5G WIFI	Yes	Yes	Yes
3	GSM + Bluetooth	Yes	Yes	Yes
4	GSM + 5G WIFI + Bluetooth	Yes	Yes	Yes
5	WCDMA + 2.4G WIFI	Yes	Yes	Yes
6	WCDMA + 5G WIFI	Yes	Yes	Yes
7	WCDMA + Bluetooth	Yes	Yes	Yes
8	WCDMA + 5G WIFI + Bluetooth	Yes	Yes	Yes
9	LTE + 2.4G WIFI	Yes	Yes	Yes
10	LTE + 5G WIFI	Yes	Yes	Yes
11	LTE + Bluetooth	Yes	Yes	Yes
12	LTE + 5G WIFI + Bluetooth	Yes	Yes	Yes

Note:

1. 2G&3G&4G share the same antenna and can’t transmit simultaneously.
2. 2.4G WLAN can’t transmit simultaneously with Bluetooth or 5G WLAN.
3. Two WWAN antennas can switch automatically, but up and down antenna can't transmit simultaneously.
4. The maximum SAR summation is calculated based on the same configuration and test position.
5. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
6. This device 2.4GHz WLAN/5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WiFi Direct (GC/GO), and 5.3GHz WLAN/5.5GHz WLAN supports WiFi Direct (GC only)

12.2 Sum SAR of Simultaneous Transmission

12.2.1 Head Simultaneous Transmission SAR Evaluation for WWAN Antenna Up and WLAN 2.4G

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Level2&3	Left Cheek	0.462	0.147	0.182	0.293	0.609	0.644	0.755	0.937
	Level2&3	Left Tilt	0.416	0.114	0.211	0.180	0.530	0.627	0.595	0.806
	Level2&3	Right Cheek	0.624	0.012	0.076	0.139	0.635	0.699	0.762	0.838
	Level2&3	Right Tilt	0.565	0.006	0.083	0.123	0.571	0.649	0.688	0.771
GSM 1900	Level5&6	Left Cheek	0.331	0.147	0.182	0.293	0.478	0.513	0.625	0.807
	Level5&6	Left Tilt	0.409	0.114	0.211	0.180	0.523	0.619	0.588	0.799
	Level2&3	Right Cheek	0.425	0.012	0.076	0.139	0.437	0.501	0.564	0.640
	Level2&3	Right Tilt	0.543	0.006	0.083	0.123	0.549	0.626	0.666	0.749
WCDMA B2	Level2&3	Left Cheek	0.446	0.147	0.182	0.293	0.593	0.628	0.740	0.922
	Level2&3	Left Tilt	0.565	0.114	0.211	0.180	0.679	0.776	0.745	0.956
	Level2&3	Right Cheek	0.584	0.012	0.076	0.139	0.596	0.660	0.723	0.798
	Level2&3	Right Tilt	0.708	0.006	0.083	0.123	0.714	0.792	0.831	0.915
WCDMA B4	Level2&3	Left Cheek	0.431	0.147	0.182	0.293	0.577	0.613	0.724	0.906
	Level2&3	Left Tilt	0.552	0.114	0.211	0.180	0.666	0.763	0.732	0.943
	Level2&3	Right Cheek	0.555	0.012	0.076	0.139	0.566	0.630	0.693	0.769
	Level2&3	Right Tilt	0.703	0.006	0.083	0.123	0.708	0.786	0.825	0.909
WCDMA B5	Level2&3	Left Cheek	0.473	0.147	0.182	0.293	0.620	0.655	0.767	0.949
	Level2&3	Left Tilt	0.419	0.114	0.211	0.180	0.534	0.630	0.599	0.810
	Level2&3	Right Cheek	0.549	0.012	0.076	0.139	0.561	0.625	0.688	0.763
	Level2&3	Right Tilt	0.533	0.006	0.083	0.123	0.539	0.616	0.656	0.739
LTE B2	Level2&3	Left Cheek	0.439	0.147	0.182	0.293	0.585	0.621	0.732	0.914
	Level2&3	Left Tilt	0.562	0.114	0.211	0.180	0.676	0.773	0.742	0.953
	Level2&3	Right Cheek	0.580	0.012	0.076	0.139	0.592	0.656	0.719	0.795
	Level2&3	Right Tilt	0.724	0.006	0.083	0.123	0.730	0.808	0.847	0.930
LTE B4	Level2&3	Left Cheek	0.373	0.147	0.182	0.293	0.520	0.555	0.667	0.849
	Level2&3	Left Tilt	0.479	0.114	0.211	0.180	0.593	0.690	0.658	0.869
	Level2&3	Right Cheek	0.491	0.012	0.076	0.139	0.503	0.567	0.629	0.705
	Level2&3	Right Tilt	0.620	0.006	0.083	0.123	0.626	0.704	0.743	0.826
LTE B5	Level2&3	Left Cheek	0.551	0.147	0.182	0.293	0.698	0.733	0.844	1.026
	Level2&3	Left Tilt	0.483	0.114	0.211	0.180	0.597	0.693	0.662	0.873
	Level2&3	Right Cheek	0.754	0.012	0.076	0.139	0.765	0.829	0.892	0.968
	Level2&3	Right Tilt	0.634	0.006	0.083	0.123	0.640	0.718	0.757	0.841
LTE B7	Level2&3	Left Cheek	0.158	0.147	0.182	0.293	0.304	0.340	0.451	0.633
	Level2&3	Left Tilt	0.194	0.114	0.211	0.180	0.308	0.405	0.374	0.585
	Level2&3	Right Cheek	0.521	0.012	0.076	0.139	0.532	0.596	0.659	0.735
	Level2&3	Right Tilt	0.585	0.006	0.083	0.123	0.591	0.669	0.708	0.791
LTE B12	Off	Left Cheek	0.433	0.147	0.182	0.293	0.580	0.615	0.726	0.908
	Off	Left Tilt	0.425	0.114	0.211	0.180	0.539	0.636	0.605	0.816

	Off	Right Cheek	0.592	0.012	0.076	0.139	0.604	0.668	0.731	0.806
	Off	Right Tilt	0.577	0.006	0.083	0.123	0.583	0.660	0.699	0.783
LTE B26	Level2&3	Left Cheek	0.609	0.147	0.182	0.293	0.755	0.791	0.902	**1.084**
	Level2&3	Left Tilt	0.541	0.114	0.211	0.180	0.655	0.751	0.720	0.931
	Level2&3	Right Cheek	0.822	0.012	0.076	0.139	0.834	0.898	0.960	1.036
	Level2&3	Right Tilt	0.717	0.006	0.083	0.123	0.723	0.801	0.840	0.923
LTE B66	Level2&3	Left Cheek	0.354	0.147	0.182	0.293	0.501	0.536	0.648	0.830
	Level2&3	Left Tilt	0.480	0.114	0.211	0.180	0.594	0.690	0.659	0.870
	Level2&3	Right Cheek	0.463	0.012	0.076	0.139	0.475	0.539	0.602	0.677
	Level2&3	Right Tilt	0.613	0.006	0.083	0.123	0.619	0.696	0.736	0.819
LTE B38	Level2&3	Left Cheek	0.176	0.147	0.182	0.293	0.322	0.358	0.469	0.651
	Level2&3	Left Tilt	0.216	0.114	0.211	0.180	0.330	0.427	0.395	0.606
	Level2&3	Right Cheek	0.553	0.012	0.076	0.139	0.565	0.629	0.692	0.768
	Level2&3	Right Tilt	0.636	0.006	0.083	0.123	0.642	0.720	0.759	0.843
LTE B41	Level2&3	Left Cheek	0.156	0.147	0.182	0.293	0.303	0.338	0.449	0.631
	Level2&3	Left Tilt	0.193	0.114	0.211	0.180	0.307	0.404	0.372	0.583
	Level2&3	Right Cheek	0.476	0.012	0.076	0.139	0.488	0.552	0.615	0.691
	Level2&3	Right Tilt	0.539	0.006	0.083	0.123	0.545	0.622	0.662	0.745

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.084 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.2 Body-Worn Simultaneous Transmission SAR Evaluation for WWAN Antenna Down and WLAN 2.4G

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Off	Front Side 15mm	0.149	0.080	0.097	0.020	0.229	0.246	0.169	0.265
	Off	Back Side 15mm	0.167	0.088	0.247	0.043	0.255	0.414	0.210	0.457
GSM 1900	Level5&6	Front Side 15mm	0.087	0.080	0.097	0.020	0.167	0.184	0.107	0.203
	Level5&6	Back Side 15mm	0.130	0.088	0.247	0.043	0.218	0.376	0.173	0.419
WCDMA B2	Level5&6	Front Side 15mm	0.159	0.080	0.097	0.020	0.240	0.256	0.179	0.276
	Level5&6	Back Side 15mm	0.230	0.088	0.247	0.043	0.318	0.476	0.272	0.519
WCDMA B4	Level5&6	Front Side 15mm	0.329	0.080	0.097	0.020	0.409	0.426	0.349	0.445
	Level5&6	Back Side 15mm	0.455	0.088	0.247	0.043	0.542	0.701	0.497	**0.744**
WCDMA B5	Off	Front Side 15mm	0.157	0.080	0.097	0.020	0.237	0.253	0.176	0.273
	Off	Back Side 15mm	0.173	0.088	0.247	0.043	0.260	0.419	0.215	0.462
LTE B2	Level5&6	Front Side 15mm	0.159	0.080	0.097	0.020	0.239	0.255	0.178	0.275
	Level5&6	Back Side 15mm	0.220	0.088	0.247	0.043	0.308	0.467	0.263	0.510
LTE B4	Level5&6	Front Side 15mm	0.176	0.080	0.097	0.020	0.256	0.272	0.195	0.292
	Level5&6	Back Side 15mm	0.222	0.088	0.247	0.043	0.310	0.469	0.265	0.511
LTE B5	Off	Front Side 15mm	0.160	0.080	0.097	0.020	0.240	0.256	0.179	0.276
	Off	Back Side 15mm	0.180	0.088	0.247	0.043	0.268	0.427	0.223	0.469
LTE B7	Off	Front Side 15mm	0.131	0.080	0.097	0.020	0.212	0.228	0.151	0.248
	Off	Back Side 15mm	0.207	0.088	0.247	0.043	0.295	0.454	0.250	0.496
LTE B12	Off	Front Side 15mm	0.123	0.080	0.097	0.020	0.203	0.219	0.142	0.239
	Off	Back Side 15mm	0.145	0.088	0.247	0.043	0.233	0.392	0.188	0.435
LTE B26	Level5&6	Front Side 15mm	0.107	0.080	0.097	0.020	0.187	0.204	0.127	0.223
	Level5&6	Back Side 15mm	0.117	0.088	0.247	0.043	0.205	0.364	0.160	0.407
LTE B66	Off	Front Side 15mm	0.107	0.080	0.097	0.020	0.187	0.203	0.126	0.223
	Off	Back Side 15mm	0.138	0.088	0.247	0.043	0.226	0.385	0.181	0.428
LTE B38	Off	Front Side 15mm	0.171	0.080	0.097	0.020	0.251	0.267	0.190	0.287
	Off	Back Side 15mm	0.245	0.088	0.247	0.043	0.333	0.492	0.288	0.535
LTE B41	Off	Front Side 15mm	0.112	0.080	0.097	0.020	0.192	0.209	0.132	0.228
	Off	Back Side 15mm	0.212	0.088	0.247	0.043	0.300	0.459	0.255	0.501

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.744 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.3 Hotspot Simultaneous Transmission SAR Evaluation for WWAN Antenna Up and WLAN 2.4G

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Off	Front Side 10mm	0.241	0.134	0.115	0.002	0.375	0.356	0.243	0.358
	Off	Back Side 10mm	0.283	0.148	0.199	0.016	0.431	0.482	0.299	0.498
	Off	Left Edge 10mm	0.142	0.106	0.149	0.004	0.248	0.291	0.146	0.294
	Off	Right Edge 10mm	0.132	0.014	0.005	0.002	0.146	0.137	0.134	0.139
	Off	Top Edge 10mm	0.241	0.265	0.273	0.068	0.506	0.514	0.309	0.582
GSM 1900	Level5&6	Front Side 10mm	0.272	0.134	0.115	0.002	0.406	0.387	0.274	0.389
	Level5&6	Back Side 10mm	0.389	0.148	0.199	0.016	0.536	0.588	0.405	0.604
	Level5&6	Left Edge 10mm	0.045	0.106	0.149	0.004	0.151	0.193	0.048	0.197
	Level5&6	Right Edge 10mm	0.056	0.014	0.005	0.002	0.070	0.060	0.057	0.062
	Level5&6	Top Edge 10mm	0.608	0.265	0.273	0.068	0.873	0.881	0.676	0.949
WCDMA B2	Level5&6	Front Side 10mm	0.341	0.134	0.115	0.002	0.475	0.456	0.343	0.458
	Level5&6	Back Side 10mm	0.452	0.148	0.199	0.016	0.600	0.652	0.468	0.668
	Level5&6	Left Edge 10mm	0.001	0.106	0.149	0.004	0.107	0.150	0.005	0.153
	Level5&6	Right Edge 10mm	0.068	0.014	0.005	0.002	0.082	0.073	0.070	0.075
	Level5&6	Top Edge 10mm	0.696	0.265	0.273	0.068	0.961	0.970	0.764	1.038
WCDMA B4	Off	Front Side 10mm	0.687	0.134	0.115	0.002	0.821	0.802	0.689	0.804
	Off	Back Side 10mm	0.848	0.148	0.199	0.016	0.996	1.047	0.864	1.063
	Off	Left Edge 10mm	0.023	0.106	0.149	0.004	0.129	0.171	0.026	0.175
	Off	Right Edge 10mm	0.123	0.014	0.005	0.002	0.137	0.128	0.125	0.130
	Off	Top Edge 10mm	1.088	0.265	0.273	0.068	1.353	1.361	1.156	**1.429**
WCDMA B5	Off	Front Side 10mm	0.213	0.134	0.115	0.002	0.347	0.328	0.215	0.330
	Off	Back Side 10mm	0.280	0.148	0.199	0.016	0.428	0.480	0.296	0.496
	Off	Left Edge 10mm	0.133	0.106	0.149	0.004	0.240	0.282	0.137	0.286
	Off	Right Edge 10mm	0.241	0.014	0.005	0.002	0.255	0.246	0.243	0.248
	Off	Top Edge 10mm	0.253	0.265	0.273	0.068	0.518	0.527	0.321	0.595
LTE B2	Level4	Front Side 10mm	0.310	0.134	0.115	0.002	0.444	0.425	0.312	0.427
	Level4	Back Side 10mm	0.432	0.148	0.199	0.016	0.580	0.631	0.448	0.647
	Level4	Left Edge 10mm	0.003	0.106	0.149	0.004	0.109	0.151	0.006	0.155
	Level4	Right Edge 10mm	0.068	0.014	0.005	0.002	0.081	0.072	0.069	0.074
	Level4	Top Edge 10mm	0.607	0.265	0.273	0.068	0.872	0.880	0.675	0.948
LTE B4	Level4	Front Side 10mm	0.343	0.134	0.115	0.002	0.477	0.458	0.345	0.460
	Level4	Back Side 10mm	0.437	0.148	0.199	0.016	0.584	0.636	0.453	0.652
	Level4	Left Edge 10mm	0.004	0.106	0.149	0.004	0.110	0.152	0.007	0.156
	Level4	Right Edge 10mm	0.060	0.014	0.005	0.002	0.074	0.065	0.062	0.066
	Level4	Top Edge 10mm	0.593	0.265	0.273	0.068	0.857	0.866	0.660	0.934
LTE B5	Level4	Front Side 10mm	0.225	0.134	0.115	0.002	0.359	0.340	0.227	0.342
	Level4	Back Side 10mm	0.270	0.148	0.199	0.016	0.418	0.469	0.286	0.485
	Level4	Left Edge 10mm	0.173	0.106	0.149	0.004	0.280	0.322	0.177	0.325
	Level4	Right Edge 10mm	0.177	0.014	0.005	0.002	0.191	0.182	0.179	0.184

	Level4	Top Edge 10mm	0.307	0.265	0.273	0.068	0.572	0.580	0.375	0.648
LTE B7	Level4	Front Side 10mm	0.247	0.134	0.115	0.002	0.381	0.363	0.249	0.364
	Level4	Back Side 10mm	0.489	0.148	0.199	0.016	0.637	0.688	0.505	0.704
	Level4	Left Edge 10mm	0.006	0.106	0.149	0.004	0.112	0.154	0.009	0.158
	Level4	Right Edge 10mm	0.287	0.014	0.005	0.002	0.301	0.292	0.289	0.294
	Level4	Top Edge 10mm	0.459	0.265	0.273	0.068	0.724	0.732	0.527	0.800
LTE B12	Level4	Front Side 10mm	0.112	0.134	0.115	0.002	0.246	0.227	0.114	0.229
	Level4	Back Side 10mm	0.145	0.148	0.199	0.016	0.293	0.344	0.161	0.360
	Level4	Left Edge 10mm	0.127	0.106	0.149	0.004	0.233	0.276	0.131	0.279
	Level4	Right Edge 10mm	0.148	0.014	0.005	0.002	0.162	0.153	0.150	0.155
	Level4	Top Edge 10mm	0.088	0.265	0.273	0.068	0.353	0.361	0.156	0.429
LTE B26	Level4	Front Side 10mm	0.158	0.134	0.115	0.002	0.292	0.273	0.159	0.275
	Level4	Back Side 10mm	0.193	0.148	0.199	0.016	0.341	0.392	0.209	0.408
	Level4	Left Edge 10mm	0.098	0.106	0.149	0.004	0.204	0.247	0.102	0.250
	Level4	Right Edge 10mm	0.091	0.014	0.005	0.002	0.105	0.095	0.092	0.097
	Level4	Top Edge 10mm	0.153	0.265	0.273	0.068	0.418	0.426	0.221	0.494
LTE B66	Level4	Front Side 10mm	0.204	0.134	0.115	0.002	0.338	0.319	0.206	0.321
	Level4	Back Side 10mm	0.271	0.148	0.199	0.016	0.419	0.470	0.287	0.486
	Level4	Left Edge 10mm	0.003	0.106	0.149	0.004	0.110	0.152	0.007	0.155
	Level4	Right Edge 10mm	0.007	0.014	0.005	0.002	0.021	0.012	0.009	0.013
	Level4	Top Edge 10mm	0.424	0.265	0.273	0.068	0.688	0.697	0.491	0.765
LTE B38	Level4	Front Side 10mm	0.303	0.134	0.115	0.002	0.437	0.418	0.305	0.420
	Level4	Back Side 10mm	0.567	0.148	0.199	0.016	0.715	0.767	0.583	0.783
	Level4	Left Edge 10mm	0.007	0.106	0.149	0.004	0.113	0.156	0.011	0.159
	Level4	Right Edge 10mm	0.379	0.014	0.005	0.002	0.393	0.383	0.380	0.385
	Level4	Top Edge 10mm	0.656	0.265	0.273	0.068	0.921	0.930	0.724	0.998
LTE B41	Level4	Front Side 10mm	0.255	0.134	0.115	0.002	0.389	0.371	0.257	0.373
	Level4	Back Side 10mm	0.501	0.148	0.199	0.016	0.648	0.700	0.517	0.716
	Level4	Left Edge 10mm	0.006	0.106	0.149	0.004	0.112	0.154	0.009	0.158
	Level4	Right Edge 10mm	0.234	0.014	0.005	0.002	0.248	0.238	0.235	0.240
	Level4	Top Edge 10mm	0.732	0.265	0.273	0.068	0.997	1.005	0.800	1.073

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 1.429 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.4 Head Simultaneous Transmission SAR Evaluation for WWAN Antenna Down and WLAN 2.4G and WLAN 5G and Bluetooth

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Off	Left Cheek	0.348	0.147	0.204	0.293	0.495	0.552	0.641	**0.845**
	Off	Left Tilt	0.175	0.114	0.236	0.180	0.289	0.411	0.354	0.590
	Off	Right Cheek	0.284	0.012	0.085	0.139	0.296	0.369	0.423	0.508
	Off	Right Tilt	0.151	0.006	0.093	0.123	0.156	0.244	0.273	0.367
GSM 1900	Off	Left Cheek	0.095	0.147	0.204	0.293	0.242	0.299	0.389	0.592
	Off	Left Tilt	0.063	0.114	0.236	0.180	0.177	0.299	0.242	0.478
	Off	Right Cheek	0.067	0.012	0.085	0.139	0.079	0.152	0.206	0.291
	Off	Right Tilt	0.063	0.006	0.093	0.123	0.069	0.156	0.185	0.279
WCDMA B2	Off	Left Cheek	0.199	0.147	0.204	0.293	0.345	0.402	0.492	0.696
	Off	Left Tilt	0.120	0.114	0.236	0.180	0.234	0.356	0.300	0.536
	Off	Right Cheek	0.142	0.012	0.085	0.139	0.153	0.226	0.280	0.365
	Off	Right Tilt	0.134	0.006	0.093	0.123	0.140	0.227	0.257	0.350
WCDMA B4	Off	Left Cheek	0.186	0.147	0.204	0.293	0.333	0.390	0.479	0.683
	Off	Left Tilt	0.107	0.114	0.236	0.180	0.221	0.343	0.286	0.522
	Off	Right Cheek	0.113	0.012	0.085	0.139	0.125	0.198	0.252	0.337
	Off	Right Tilt	0.102	0.006	0.093	0.123	0.108	0.195	0.224	0.318
WCDMA B5	Off	Left Cheek	0.238	0.147	0.204	0.293	0.384	0.441	0.531	0.735
	Off	Left Tilt	0.125	0.114	0.236	0.180	0.239	0.361	0.305	0.541
	Off	Right Cheek	0.201	0.012	0.085	0.139	0.213	0.286	0.340	0.424
	Off	Right Tilt	0.107	0.006	0.093	0.123	0.112	0.200	0.229	0.323
LTE B2	Off	Left Cheek	0.149	0.147	0.204	0.293	0.295	0.353	0.442	0.646
	Off	Left Tilt	0.088	0.114	0.236	0.180	0.202	0.324	0.267	0.503
	Off	Right Cheek	0.101	0.012	0.085	0.139	0.113	0.186	0.240	0.325
	Off	Right Tilt	0.099	0.006	0.093	0.123	0.105	0.192	0.221	0.315
LTE B4	Off	Left Cheek	0.162	0.147	0.204	0.293	0.308	0.366	0.455	0.659
	Off	Left Tilt	0.062	0.114	0.236	0.180	0.176	0.298	0.242	0.478
	Off	Right Cheek	0.093	0.012	0.085	0.139	0.105	0.178	0.232	0.317
	Off	Right Tilt	0.063	0.006	0.093	0.123	0.069	0.157	0.186	0.280
LTE B5	Off	Left Cheek	0.225	0.147	0.204	0.293	0.372	0.429	0.519	0.722
	Off	Left Tilt	0.121	0.114	0.236	0.180	0.236	0.357	0.301	0.537
	Off	Right Cheek	0.181	0.012	0.085	0.139	0.193	0.266	0.320	0.405
	Off	Right Tilt	0.101	0.006	0.093	0.123	0.107	0.194	0.224	0.317
LTE B7	Off	Left Cheek	0.272	0.147	0.204	0.293	0.419	0.476	0.565	0.769
	Off	Left Tilt	0.165	0.114	0.236	0.180	0.279	0.401	0.345	0.581
	Off	Right Cheek	0.440	0.012	0.085	0.139	0.451	0.524	0.578	0.663
	Off	Right Tilt	0.223	0.006	0.093	0.123	0.229	0.317	0.346	0.440
LTE B12	Off	Left Cheek	0.150	0.147	0.204	0.293	0.296	0.354	0.443	0.647
	Off	Left Tilt	0.082	0.114	0.236	0.180	0.196	0.318	0.261	0.497
	Off	Right Cheek	0.126	0.012	0.085	0.139	0.137	0.211	0.264	0.349

	Off	Right Tilt	0.041	0.006	0.093	0.123	0.047	0.134	0.164	0.257
LTE B26	Off	Left Cheek	0.205	0.147	0.204	0.293	0.352	0.409	0.498	0.702
	Off	Left Tilt	0.113	0.114	0.236	0.180	0.227	0.349	0.293	0.529
	Off	Right Cheek	0.165	0.012	0.085	0.139	0.177	0.250	0.304	0.389
	Off	Right Tilt	0.095	0.006	0.093	0.123	0.101	0.188	0.218	0.311
LTE B66	Off	Left Cheek	0.175	0.147	0.204	0.293	0.321	0.378	0.468	0.672
	Off	Left Tilt	0.070	0.114	0.236	0.180	0.184	0.306	0.249	0.485
	Off	Right Cheek	0.106	0.012	0.085	0.139	0.118	0.191	0.245	0.330
	Off	Right Tilt	0.086	0.006	0.093	0.123	0.091	0.179	0.208	0.302
LTE B38	Off	Left Cheek	0.216	0.147	0.204	0.293	0.363	0.420	0.509	0.713
	Off	Left Tilt	0.146	0.114	0.236	0.180	0.260	0.382	0.326	0.562
	Off	Right Cheek	0.407	0.012	0.085	0.139	0.419	0.492	0.546	0.631
	Off	Right Tilt	0.210	0.006	0.093	0.123	0.216	0.303	0.333	0.426
LTE B41	Off	Left Cheek	0.189	0.147	0.204	0.293	0.336	0.393	0.482	0.686
	Off	Left Tilt	0.121	0.114	0.236	0.180	0.236	0.357	0.301	0.537
	Off	Right Cheek	0.333	0.012	0.085	0.139	0.345	0.418	0.472	0.556
	Off	Right Tilt	0.163	0.006	0.093	0.123	0.169	0.256	0.286	0.379

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.845 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.5 Body-Worn Simultaneous Transmission SAR Evaluation for WWAN Antenna Down and WLAN 2.4G

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Off	Front Side 15mm	0.216	0.080	0.097	0.020	0.296	0.312	0.235	0.332
	Off	Back Side 15mm	0.241	0.088	0.247	0.043	0.329	0.487	0.284	0.530
GSM 1900	Off	Front Side 15mm	0.139	0.080	0.097	0.020	0.219	0.235	0.158	0.255
	Off	Back Side 15mm	0.209	0.088	0.247	0.043	0.297	0.456	0.252	0.499
WCDMA B2	Off	Front Side 15mm	0.223	0.080	0.097	0.020	0.303	0.320	0.243	0.339
	Off	Back Side 15mm	0.311	0.088	0.247	0.043	0.398	0.557	0.353	0.600
WCDMA B4	Off	Front Side 15mm	0.237	0.080	0.097	0.020	0.317	0.333	0.256	0.353
	Off	Back Side 15mm	0.341	0.088	0.247	0.043	0.428	0.587	0.383	**0.630**
WCDMA B5	Off	Front Side 15mm	0.159	0.080	0.097	0.020	0.239	0.256	0.179	0.275
	Off	Back Side 15mm	0.258	0.088	0.247	0.043	0.346	0.505	0.301	0.548
LTE B2	Off	Front Side 15mm	0.154	0.080	0.097	0.020	0.234	0.251	0.174	0.270
	Off	Back Side 15mm	0.214	0.088	0.247	0.043	0.301	0.460	0.256	0.503
LTE B4	Off	Front Side 15mm	0.189	0.080	0.097	0.020	0.269	0.286	0.209	0.306
	Off	Back Side 15mm	0.251	0.088	0.247	0.043	0.339	0.498	0.294	0.540
LTE B5	Off	Front Side 15mm	0.147	0.080	0.097	0.020	0.227	0.244	0.167	0.263
	Off	Back Side 15mm	0.207	0.088	0.247	0.043	0.295	0.454	0.250	0.497
LTE B7	Off	Front Side 15mm	0.351	0.080	0.097	0.020	0.431	0.448	0.371	0.468
	Off	Back Side 15mm	0.327	0.088	0.247	0.043	0.414	0.573	0.369	0.616
LTE B12	Off	Front Side 15mm	0.201	0.080	0.097	0.020	0.281	0.298	0.221	0.317
	Off	Back Side 15mm	0.254	0.088	0.247	0.043	0.342	0.501	0.297	0.544
LTE B26	Off	Front Side 15mm	0.158	0.080	0.097	0.020	0.238	0.254	0.177	0.274
	Off	Back Side 15mm	0.207	0.088	0.247	0.043	0.294	0.453	0.249	0.496
LTE B66	Off	Front Side 15mm	0.179	0.080	0.097	0.020	0.260	0.276	0.199	0.296
	Off	Back Side 15mm	0.288	0.088	0.247	0.043	0.376	0.535	0.331	0.577
LTE B38	Off	Front Side 15mm	0.236	0.080	0.097	0.020	0.316	0.333	0.256	0.352
	Off	Back Side 15mm	0.234	0.088	0.247	0.043	0.322	0.480	0.276	0.523
LTE B41	Off	Front Side 15mm	0.200	0.080	0.097	0.020	0.280	0.297	0.220	0.316
	Off	Back Side 15mm	0.209	0.088	0.247	0.043	0.297	0.456	0.252	0.498

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.630 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.6 Hotspot Simultaneous Transmission SAR Evaluation for WWAN Antenna Down and WLAN 2.4G and WLAN 5G and Bluetooth

Band	Power Reduction	Position	Stand alone SAR				SUM SAR			
			1	2	3	4				
			WWAN	2.4G WIFI	5G WIFI	Bluetooth	Sum SAR (1+2)	Sum SAR (1+3)	Sum SAR (1+4)	Sum SAR (1+3+4)
GSM850	Off	Front Side 10mm	0.261	0.134	0.115	0.002	0.395	0.377	0.263	0.378
	Off	Back Side 10mm	0.328	0.148	0.199	0.016	0.475	0.527	0.344	0.543
	Off	Left Edge 10mm	0.183	0.106	0.149	0.004	0.289	0.332	0.187	0.335
	Off	Right Edge 10mm	0.306	0.014	0.005	0.002	0.320	0.311	0.308	0.312
	Off	Bottom Edge 10mm	0.242	0.003	0.003	0.004	0.245	0.245	0.246	0.249
GSM 1900	Off	Front Side 10mm	0.257	0.134	0.115	0.002	0.391	0.373	0.259	0.375
	Off	Back Side 10mm	0.383	0.148	0.199	0.016	0.531	0.582	0.399	0.598
	Off	Left Edge 10mm	0.038	0.106	0.149	0.004	0.144	0.187	0.042	0.190
	Off	Right Edge 10mm	0.054	0.014	0.005	0.002	0.068	0.058	0.056	0.060
	Off	Bottom Edge 10mm	0.481	0.003	0.003	0.004	0.484	0.485	0.485	0.488
WCDMA B2	Off	Front Side 10mm	0.414	0.134	0.115	0.002	0.548	0.529	0.416	0.531
	Off	Back Side 10mm	0.590	0.148	0.199	0.016	0.738	0.789	0.606	0.805
	Off	Left Edge 10mm	0.168	0.106	0.149	0.004	0.274	0.316	0.171	0.320
	Off	Right Edge 10mm	0.109	0.014	0.005	0.002	0.123	0.114	0.111	0.116
	Off	Bottom Edge 10mm	0.771	0.003	0.003	0.004	0.774	0.774	0.775	0.778
WCDMA B4	Off	Front Side 10mm	0.377	0.134	0.115	0.002	0.511	0.492	0.378	0.494
	Off	Back Side 10mm	0.612	0.148	0.199	0.016	0.760	0.811	0.628	**0.827**
	Off	Left Edge 10mm	0.151	0.106	0.149	0.004	0.257	0.300	0.155	0.303
	Off	Right Edge 10mm	0.085	0.014	0.005	0.002	0.099	0.090	0.087	0.092
	Off	Bottom Edge 10mm	0.673	0.003	0.003	0.004	0.676	0.676	0.676	0.679
WCDMA B5	Off	Front Side 10mm	0.241	0.134	0.115	0.002	0.375	0.357	0.243	0.358
	Off	Back Side 10mm	0.328	0.148	0.199	0.016	0.476	0.527	0.344	0.543
	Off	Left Edge 10mm	0.154	0.106	0.149	0.004	0.261	0.303	0.158	0.306
	Off	Right Edge 10mm	0.164	0.014	0.005	0.002	0.178	0.169	0.166	0.171
	Off	Bottom Edge 10mm	0.263	0.003	0.003	0.004	0.266	0.266	0.267	0.270
LTE B2	Off	Front Side 10mm	0.272	0.134	0.115	0.002	0.406	0.387	0.274	0.389
	Off	Back Side 10mm	0.406	0.148	0.199	0.016	0.554	0.605	0.422	0.621
	Off	Left Edge 10mm	0.127	0.106	0.149	0.004	0.233	0.275	0.130	0.279
	Off	Right Edge 10mm	0.093	0.014	0.005	0.002	0.107	0.098	0.095	0.100
	Off	Bottom Edge 10mm	0.526	0.003	0.003	0.004	0.530	0.530	0.530	0.533
LTE B4	Off	Front Side 10mm	0.314	0.134	0.115	0.002	0.448	0.429	0.316	0.431
	Off	Back Side 10mm	0.490	0.148	0.199	0.016	0.638	0.689	0.506	0.705
	Off	Left Edge 10mm	0.123	0.106	0.149	0.004	0.230	0.272	0.127	0.275
	Off	Right Edge 10mm	0.071	0.014	0.005	0.002	0.085	0.075	0.072	0.077
	Off	Bottom Edge 10mm	0.558	0.003	0.003	0.004	0.561	0.561	0.561	0.564
LTE B5	Off	Front Side 10mm	0.228	0.134	0.115	0.002	0.362	0.343	0.230	0.345
	Off	Back Side 10mm	0.323	0.148	0.199	0.016	0.471	0.522	0.339	0.538
	Off	Left Edge 10mm	0.115	0.106	0.149	0.004	0.221	0.263	0.118	0.267
	Off	Right Edge 10mm	0.231	0.014	0.005	0.002	0.244	0.235	0.232	0.237

	Off	Bottom Edge 10mm	0.233	0.003	0.003	0.004	0.236	0.237	0.237	0.240
LTE B7	Off	Front Side 10mm	0.597	0.134	0.115	0.002	0.731	0.713	0.599	0.714
	Off	Back Side 10mm	0.555	0.148	0.199	0.016	0.703	0.754	0.571	0.770
	Off	Left Edge 10mm	0.561	0.106	0.149	0.004	0.668	0.710	0.565	0.713
	Off	Right Edge 10mm	0.119	0.014	0.005	0.002	0.133	0.124	0.121	0.126
	Off	Bottom Edge 10mm	0.446	0.003	0.003	0.004	0.449	0.449	0.449	0.452
LTE B12	Off	Front Side 10mm	0.185	0.134	0.115	0.002	0.319	0.300	0.186	0.302
	Off	Back Side 10mm	0.269	0.148	0.199	0.016	0.417	0.468	0.285	0.484
	Off	Left Edge 10mm	0.186	0.106	0.149	0.004	0.292	0.335	0.190	0.338
	Off	Right Edge 10mm	0.277	0.014	0.005	0.002	0.291	0.282	0.279	0.283
	Off	Bottom Edge 10mm	0.121	0.003	0.003	0.004	0.124	0.124	0.125	0.128
LTE B26	Off	Front Side 10mm	0.178	0.134	0.115	0.002	0.312	0.294	0.180	0.295
	Off	Back Side 10mm	0.256	0.148	0.199	0.016	0.403	0.455	0.272	0.471
	Off	Left Edge 10mm	0.123	0.106	0.149	0.004	0.230	0.272	0.127	0.275
	Off	Right Edge 10mm	0.210	0.014	0.005	0.002	0.223	0.214	0.211	0.216
	Off	Bottom Edge 10mm	0.171	0.003	0.003	0.004	0.174	0.174	0.174	0.178
LTE B66	Off	Front Side 10mm	0.292	0.134	0.115	0.002	0.426	0.407	0.294	0.409
	Off	Back Side 10mm	0.464	0.148	0.199	0.016	0.611	0.663	0.480	0.679
	Off	Left Edge 10mm	0.117	0.106	0.149	0.004	0.223	0.265	0.120	0.269
	Off	Right Edge 10mm	0.070	0.014	0.005	0.002	0.084	0.074	0.071	0.076
	Off	Bottom Edge 10mm	0.581	0.003	0.003	0.004	0.585	0.585	0.585	0.588
LTE B38	Off	Front Side 10mm	0.503	0.134	0.115	0.002	0.637	0.618	0.505	0.620
	Off	Back Side 10mm	0.446	0.148	0.199	0.016	0.594	0.645	0.462	0.661
	Off	Left Edge 10mm	0.437	0.106	0.149	0.004	0.543	0.585	0.440	0.589
	Off	Right Edge 10mm	0.059	0.014	0.005	0.002	0.073	0.064	0.061	0.066
	Off	Bottom Edge 10mm	0.300	0.003	0.003	0.004	0.303	0.303	0.303	0.307
LTE B41	Off	Front Side 10mm	0.356	0.134	0.115	0.002	0.491	0.472	0.358	0.474
	Off	Back Side 10mm	0.350	0.148	0.199	0.016	0.498	0.549	0.366	0.565
	Off	Left Edge 10mm	0.325	0.106	0.149	0.004	0.431	0.474	0.329	0.477
	Off	Right Edge 10mm	0.061	0.014	0.005	0.002	0.075	0.065	0.063	0.067
	Off	Bottom Edge 10mm	0.242	0.003	0.003	0.004	0.245	0.245	0.245	0.249

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 1g SAR is 0.827 W/Kg < 1.6 W/kg, so Simultaneous Transmission SAR test is not required.

12.2.7 Specific Simultaneous Transmission SAR Evaluation for WWAN Antenna Down and WLAN 5G

Band	Power Reduction	Position	Stand alone SAR		SUM SAR
			1	2	
			WWAN	2.4G WIFI	Sum SAR (1+2)
WCDMA 2	Level4	Back Side 0mm	0.503	0.487	0.990
	Level4	Top Edge 0mm	1.289	0.764	2.053
LTE B2	Level4	Top Edge 0mm	1.689	0.764	**2.453**
LTE B66	Level4	Top Edge 0mm	1.018	0.764	1.782

Note:

1: The simultaneous transmission combinations of the three antennas contain combinations of two antennas, so only the worst simultaneous transmission combinations was shown in this table.

2: The highest Summed 10g SAR is 2.453 W/Kg < 4.0 W/kg, so Simultaneous Transmission SAR test is not required.

13 TEST EQUIPMENTS LIST

Description	Manufacturer	Model	Serial No./Version	Cal. Date	Cal. Due
PC	Dell	N/A	N/A	N/A	N/A
Test Software	Speag	DASY5	52.8.8.1222	N/A	N/A
750MHz Validation Dipole	Speag	D750V3	SN: 1055	2020/02/20	2021/02/19
835MHz Validation Dipole	Speag	D835V2	SN: 4d187	2019/06/11	2021/06/10
1750MHz Validation Dipole	Speag	D1750V2	SN: 1130	2018/09/13	2021/09/12
1900MHz Validation Dipole	Speag	D1900V2	SN: 5d193	2019/06/11	2021/06/10
2450MHz Validation Dipole	Speag	D2450V2	SN: 952	2019/06/10	2021/06/09
2600MHz Validation Dipole	Speag	D2600V2	SN: 1095	2018/11/05	2021/11/04
5GHz Validation Dipole	Speag	D5GHzV2	SN: 1200	2020/02/17	2021/02/16
E-Field Probe	Speag	EX3DV4	SN: 7607	2020/08/07	2021/08/06
Data Acquisition Electronics	Speag	DAE3	SN: 878	2020/09/30	2021/09/29
Signal Generator	R&S	SMB100A	177746	2020/06/08	2021/06/07
Power Meter	R&S	NRVD-B2	7250BJ-0112/2011	2020/09/25	2021/09/24
Power Sensor	R&S	NRV-Z4	100381	2020/09/25	2021/09/24
Power Sensor	R&S	NRV-Z2	100211	2020/09/25	2021/09/24
Wireless Communication Test Set	Agilent	8960-E5515C	MY47510286	2020/06/08	2021/06/07
Wireless Communication Test Set	R&S	CMW 500	104192	2020/06/08	2021/06/07
Network Analyzer	R&S	ZVL-6	101380	2020/06/22	2021/06/21
Thermometer	Elitech	RC-4HC	N/A	2020/09/29	2021/09/28
Power Amplifier	SATIMO	6552B	22374	N/A	N/A
Dielectric Probe Kit	SATIMO	SCLMP	SN 25/13 OCPG56	N/A	N/A
Phantom1	Speag	SAM	SN: 1859	N/A	N/A
Phantom2	Speag	SAM	SN: 1857	N/A	N/A
Attenuator	COM-MW	ZA-S1-31	1305003187	N/A	N/A
Directional coupler	AA-MCS	AAMCS-UDC	000272	N/A	N/A

Note: For dipole antennas, BALUN has adopted 3 years as calibration intervals, and on annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss in within 20% of calibrated measurement.
4. Impedance (real or imaginary parts) in within 5 Ohms of calibrated measurement.

ANNEX A SIMULATING LIQUID VERIFICATION RESULT

The dielectric parameters of the liquids were verified prior to the SAR evaluation using an SCLMP Dielectric Probe Kit.

Head Liquid

Date	Liquid Type	Fre. (MHz)	Temp. (℃)	Meas. Conductivity (σ) (S/m)	Meas. Permittivity (ε)	Target Conductivity (σ) (S/m)	Target Permittivity (ε)	Conductivity Tolerance (%)	Permittivity Tolerance (%)
2021.01.23	Head	750	21.6	0.89	41.97	0.89	41.94	0.00	0.07
2021.01.25	Head	835	21.8	0.91	41.74	0.90	41.50	1.11	0.58
2021.01.28	Head	835	21.5	0.91	40.27	0.90	41.50	1.11	-2.96
2021.01.29	Head	835	21.9	0.86	42.25	0.90	41.50	-4.44	1.81
2021.01.31	Head	1750	21.2	1.38	38.96	1.37	40.08	0.73	-2.79
2021.02.03	Head	1900	21.7	1.38	38.96	1.40	40.00	-1.43	-2.60
2021.02.05	Head	1900	21.9	1.43	40.40	1.40	40.00	2.14	1.00
2021.02.06	Head	2450	21.3	1.76	38.65	1.80	39.20	-2.22	-1.40
2021.02.08	Head	2600	21.7	1.91	40.22	1.96	39.01	-2.55	3.10
2021.02.13	Head	2600	21.5	1.95	38.18	1.96	39.01	-0.51	-2.13
2021.02.17	Head	5200	22.0	4.62	36.82	4.66	35.99	-0.86	2.31
2021.02.19	Head	5600	21.7	5.12	36.21	5.07	35.53	0.99	1.91
2021.02.19	Head	5800	21.7	5.39	34.74	5.27	35.30	2.28	-1.59
Note: The tolerance limit of Conductivity and Permittivity is± 5%.									

ANNEX B SYSTEM CHECK RESULT

Comparing to the original SAR value provided by SPEAG, the validation data should be within itsspecification of 10 %(for 1 g).

Head liquid 1g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2021.01.23	Head	750	100	0.847	8.47	8.55	-0.94
2021.01.25	Head	835	100	0.943	9.43	9.49	-0.63
2021.01.28	Head	835	100	0.982	9.82	9.49	3.48
2021.01.29	Head	835	100	0.943	9.43	9.49	-0.63
2021.01.31	Head	1750	100	3.760	37.60	36.80	2.17
2021.02.03	Head	1900	100	3.820	38.20	39.40	-3.05
2021.02.05	Head	1900	100	3.830	38.30	39.40	-2.79
2021.02.06	Head	2450	100	5.360	53.60	52.60	1.90
2021.02.08	Head	2600	100	5.510	55.10	56.30	-2.13
2021.02.13	Head	2600	100	5.500	55.00	56.30	-2.31
2021.02.17	Head	5200	100	7.340	73.40	73.90	-0.68
2021.02.19	Head	5600	100	7.860	78.60	80.30	-2.12
2021.02.19	Head	5800	100	7.980	79.80	76.90	3.77
Note: The tolerance limit of System validation ±10%.							

Head liquid 10g

Date	Liquid Type	Freq. (MHz)	Power (mW)	Measured SAR (W/kg)	Normalized SAR (W/kg)	Dipole SAR (W/kg)	Tolerance (%)
2021.01.31	Head	1750	100	1.960	19.60	19.80	-1.01
2021.02.05	Head	1900	100	1.990	19.90	20.40	-2.45
2021.02.17	Head	5200	100	2.070	20.70	20.70	0.00
2021.02.19	Head	5600	100	2.230	22.30	22.60	-1.33
Note: The tolerance limit of System validation ±10%.							

System Performance Check Data (750MHz)

Date: 2021.01.23

Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 750 MHz; σ = 0.887 S/m; ε_r = 41.966; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.84, 10.84, 10.84); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 750 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.927 W/kg

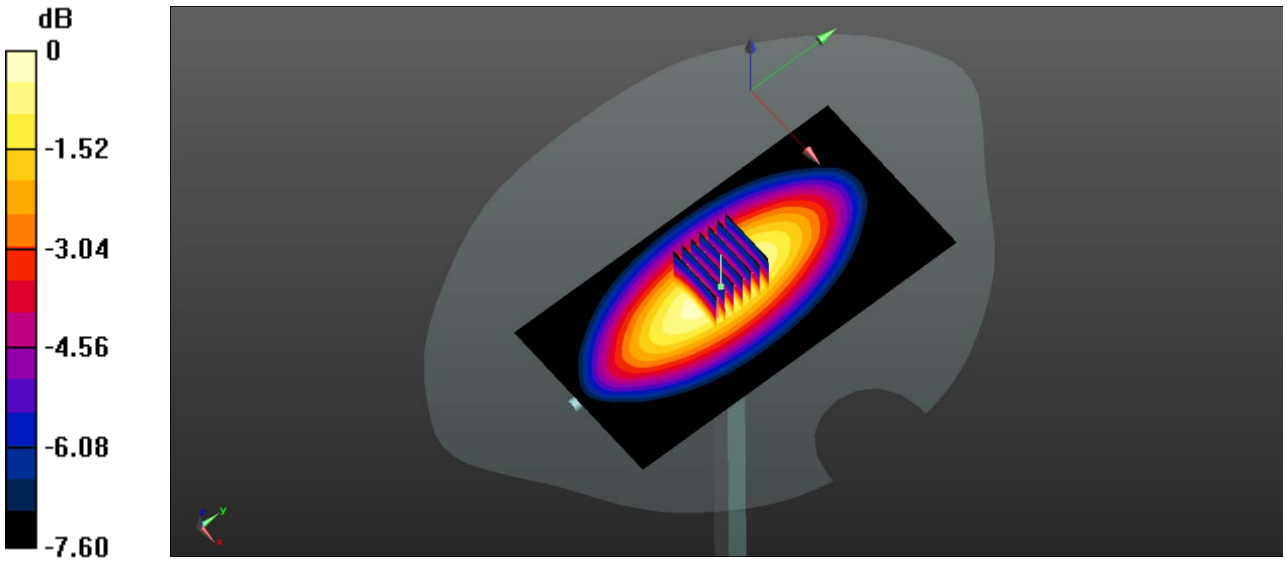
CW 750 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.18 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



0 dB = 0.925 W/kg

System Performance Check Data (835MHz)

Date: 2021.01.25

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.911 S/m; ε_r = 41.741; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

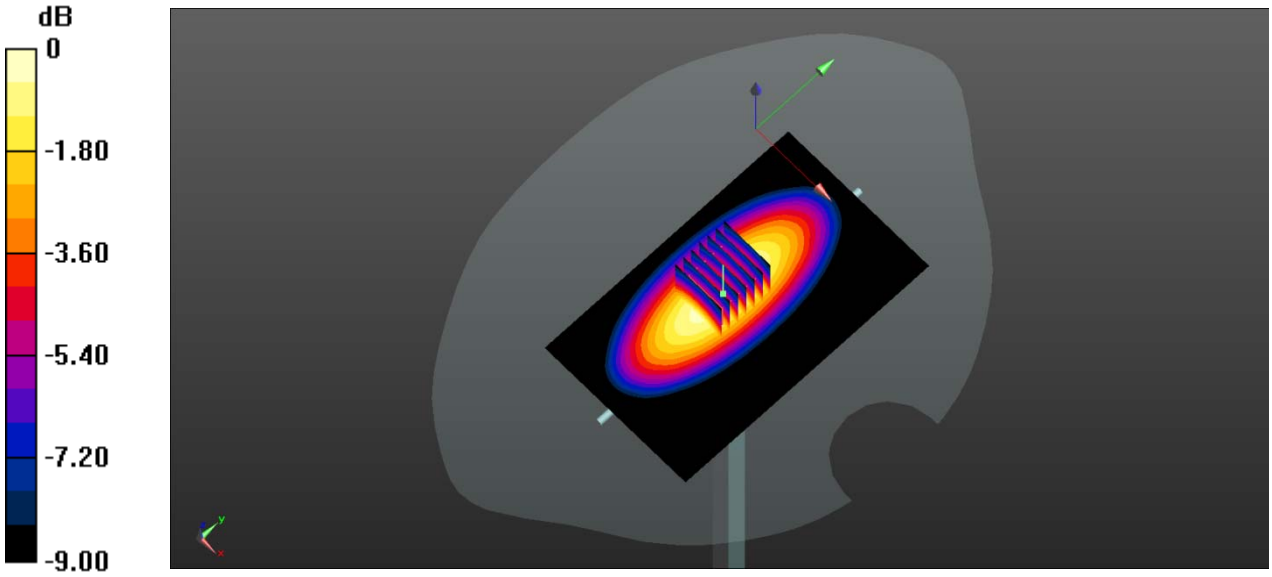
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.43 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.636 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

System Performance Check Data (835MHz)

Date: 2021.01.28

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.905 S/m; ε_r = 40.268; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

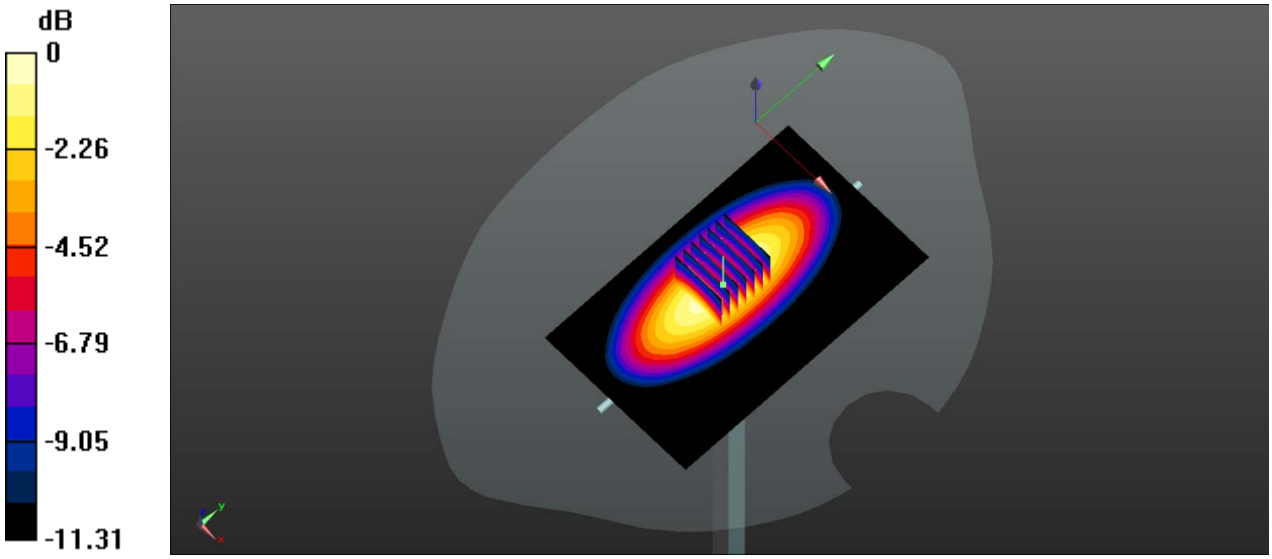
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.39 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.641 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

System Performance Check Data (835MHz)

Date: 2021.01.29

Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:1

Medium parameters used: f = 835 MHz; σ = 0.863 S/m; ε_r = 42.251; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 835 100mW/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

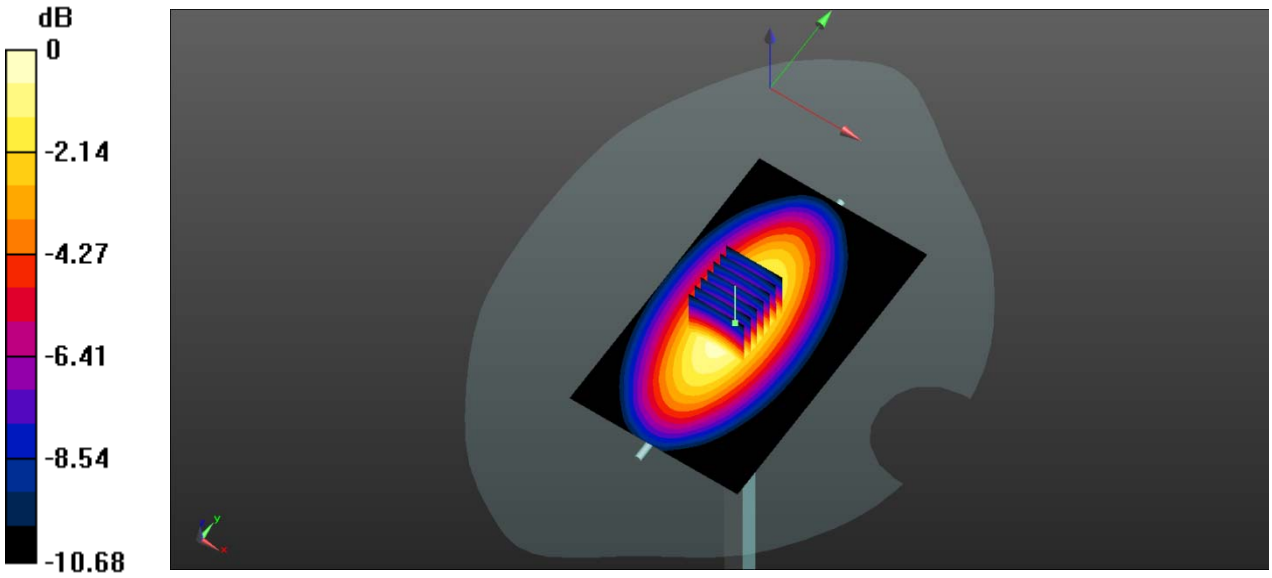
CW 835 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.31 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.26W/kg

SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (measured) = 0.97 W/kg



0 dB = 0.97 W/kg

System Performance Check Data (1750MHz)

Date: 2021.01.31

Communication System Band: D1750 (1750.0 MHz); Frequency: 1750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1750 MHz; σ = 1.378 S/m; ε_r = 38.959; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1750 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.31 W/kg

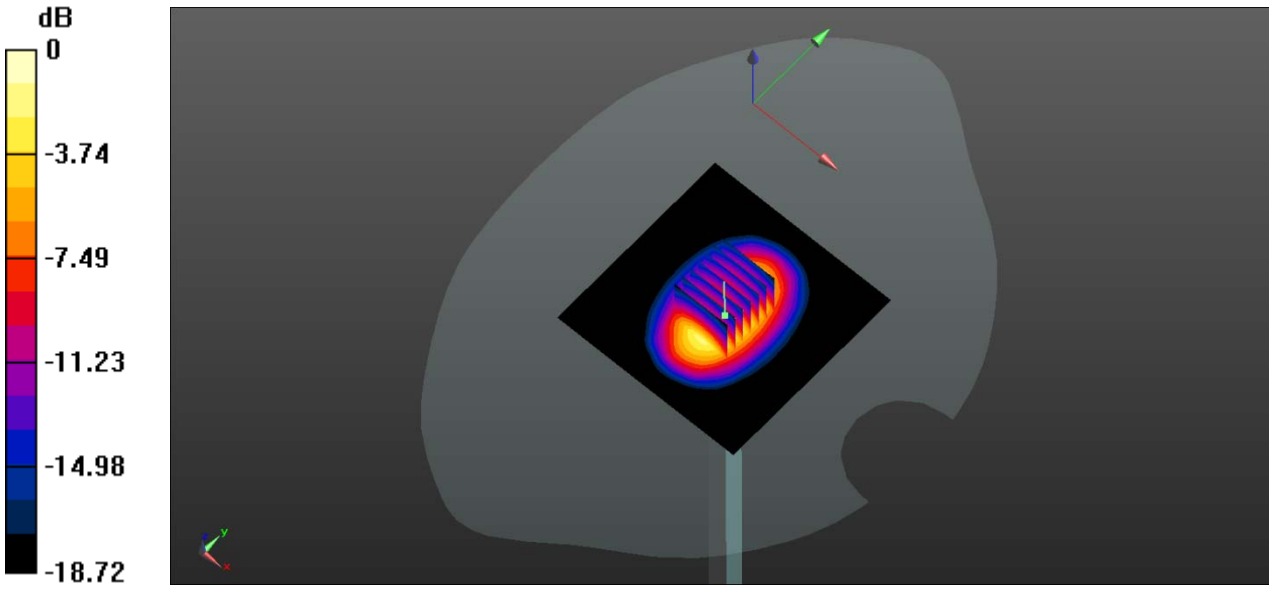
CW 1750 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.45 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.48 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.26 W/kg

System Performance Check Data (1900MHz)

Date: 2021.02.03

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.383 S/m; ε_r = 38.958; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.29 W/kg

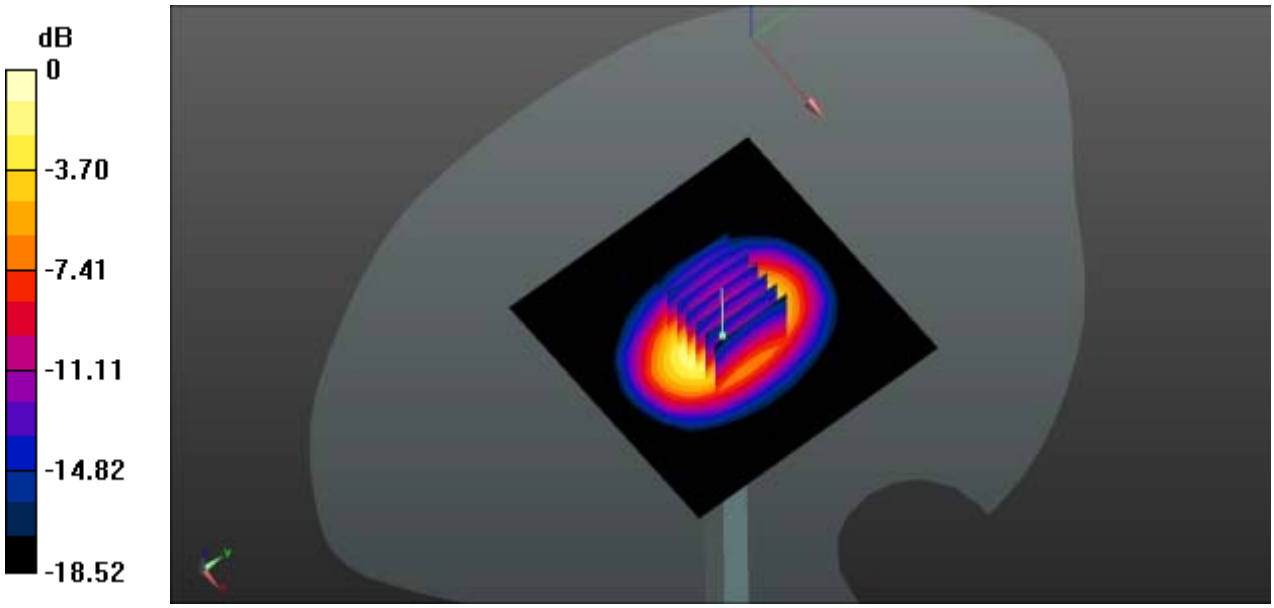
CW 1900 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.68 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 7.43 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 4.21 W/kg



0 dB = 4.21 W/kg

System Performance Check Data (1900MHz)

Date: 2021.02.05

Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.425 S/m; ε_r = 40.401; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 1900 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.16 W/kg

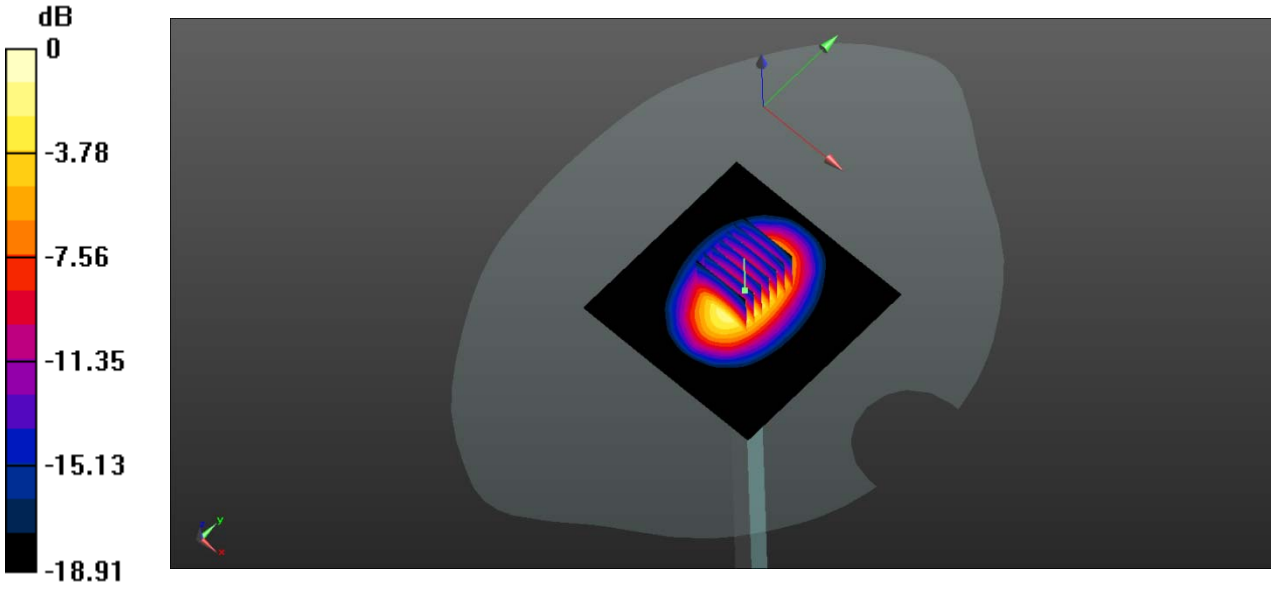
CW 1900 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.92 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 4.16 W/kg



0 dB = 4.16 W/kg

System Performance Check Data (2450MHz)

Date: 2021.02.06

Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; σ = 1.756 S/m; ε_r = 38.651; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- robe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2450 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.38 W/kg

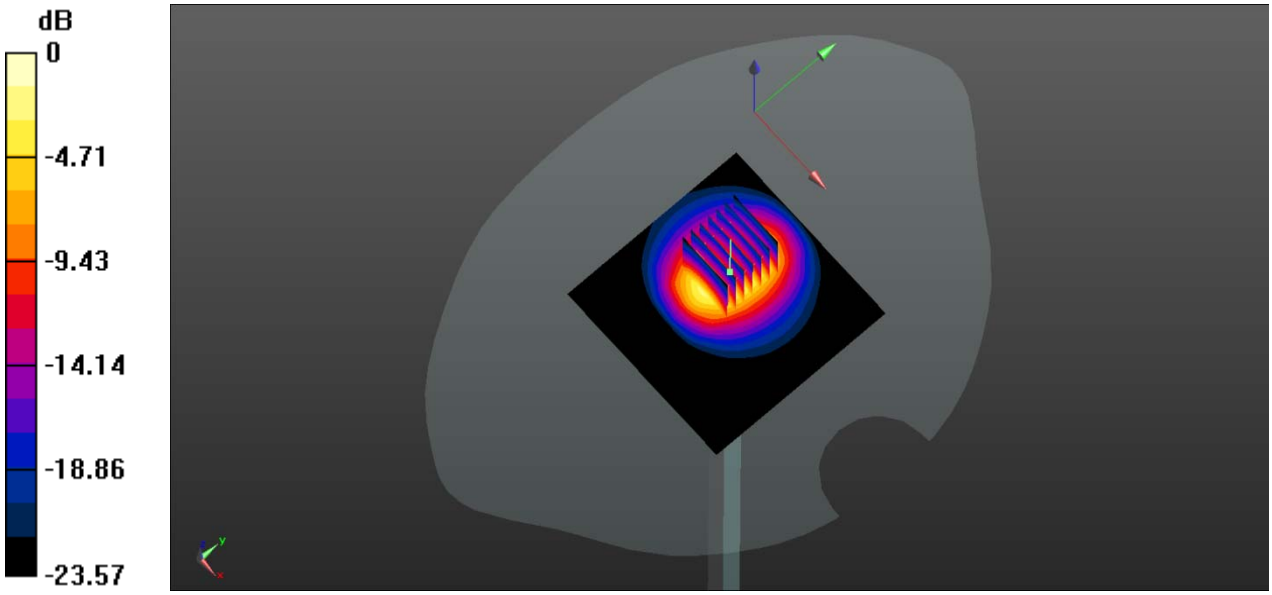
CW 2450 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.15 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 2.54 W/kg

Maximum value of SAR (measured) = 6.15 W/kg



0 dB = 6.15 W/kg

System Performance Check Data (2600MHz)

Date: 2021.02.08

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2600 MHz; σ = 1.912 S/m; ε_r = 40.221; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.7

DASY5 Configuration:

- robe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.39 W/kg

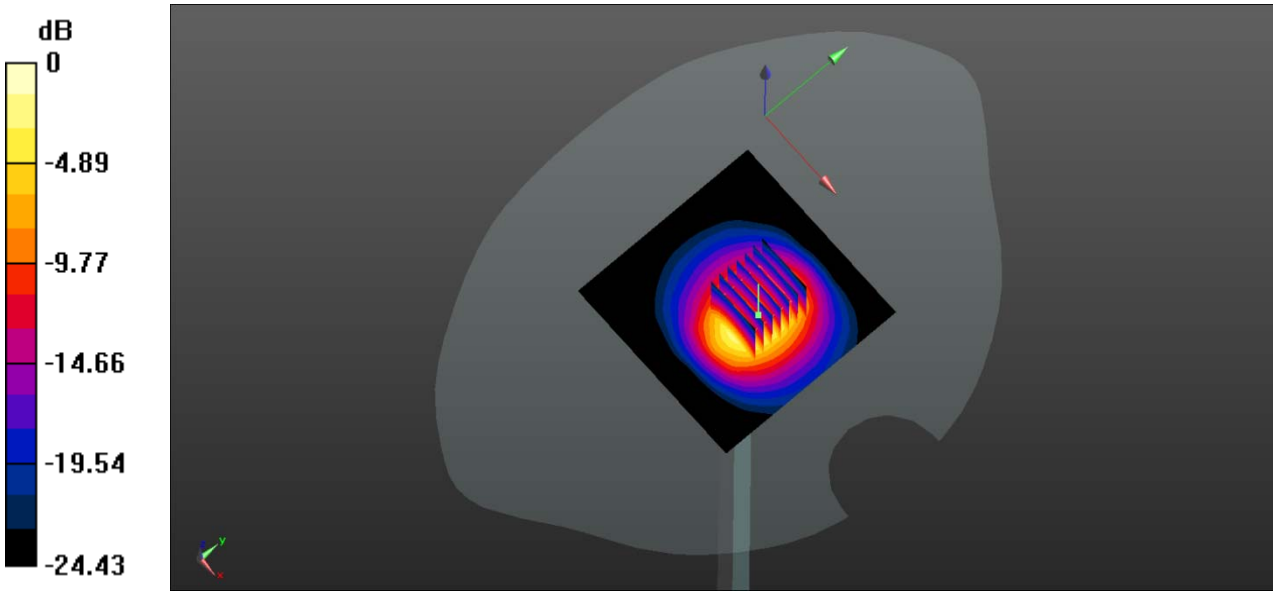
CW 2600 100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.51 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 5.88 W/kg



0 dB = 5.88 W/kg

System Performance Check Data (2600MHz)

Date: 2021.02.13

Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2600 MHz; σ = 1.952 S/m; ε_r = 38.182; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 2600 100mw/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.11 W/kg

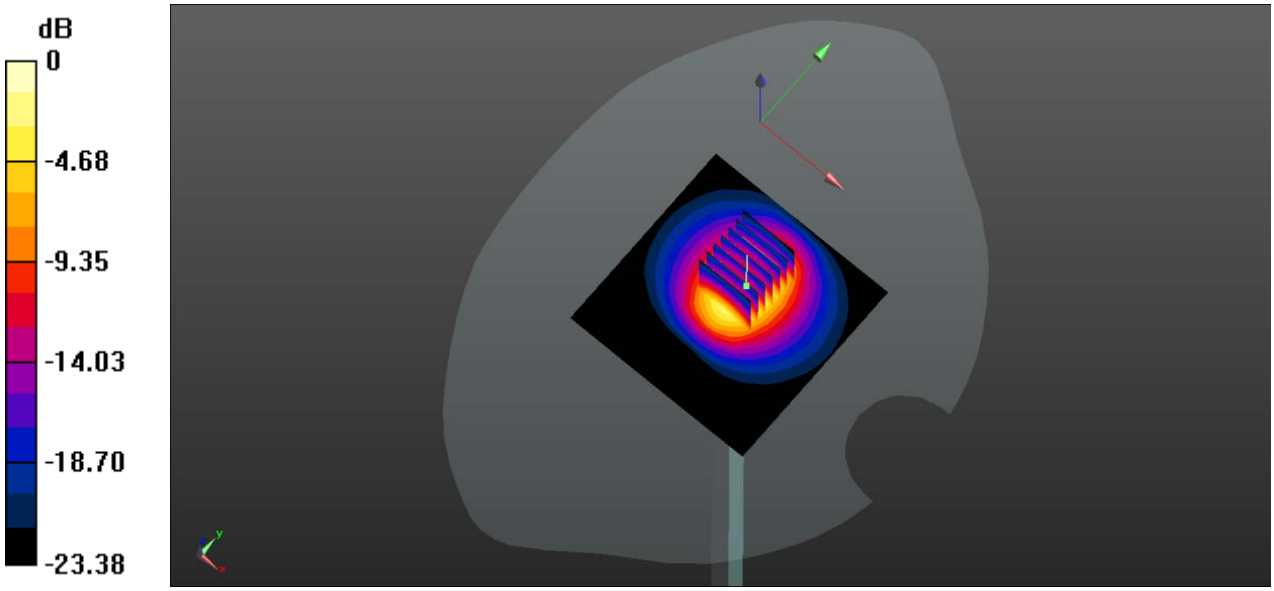
CW 2600 100mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.61 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 5.50 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 6.33 W/kg



0 dB = 6.33 W/kg

System Performance Check Data (5200MHz)

Date: 2021.02.17

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 4.619 S/m; ε_r = 36.818; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:22.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5200 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.25 W/kg

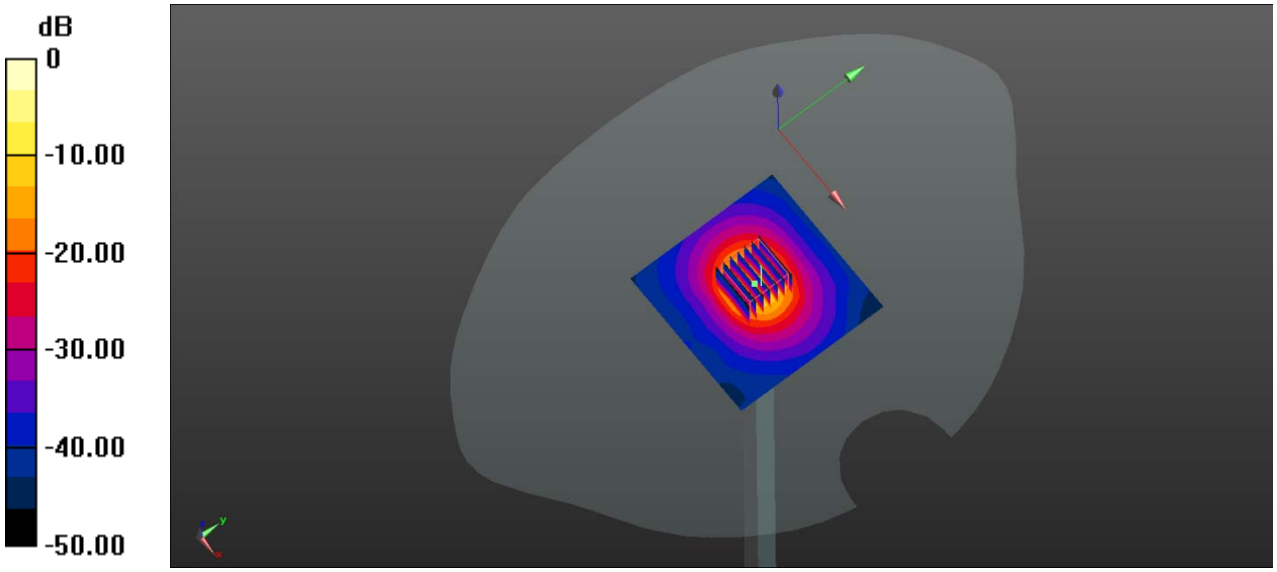
CW 5200 100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 38.29 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 41.45 W/kg

SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.07 W/kg

Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg

System Performance Check Data (5600MHz)

Date: 2021.02.19

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5600 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5600 MHz; σ = 5.124 S/m; ε_r = 36.214; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5, 5, 5); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5600 100mW/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.3 W/kg

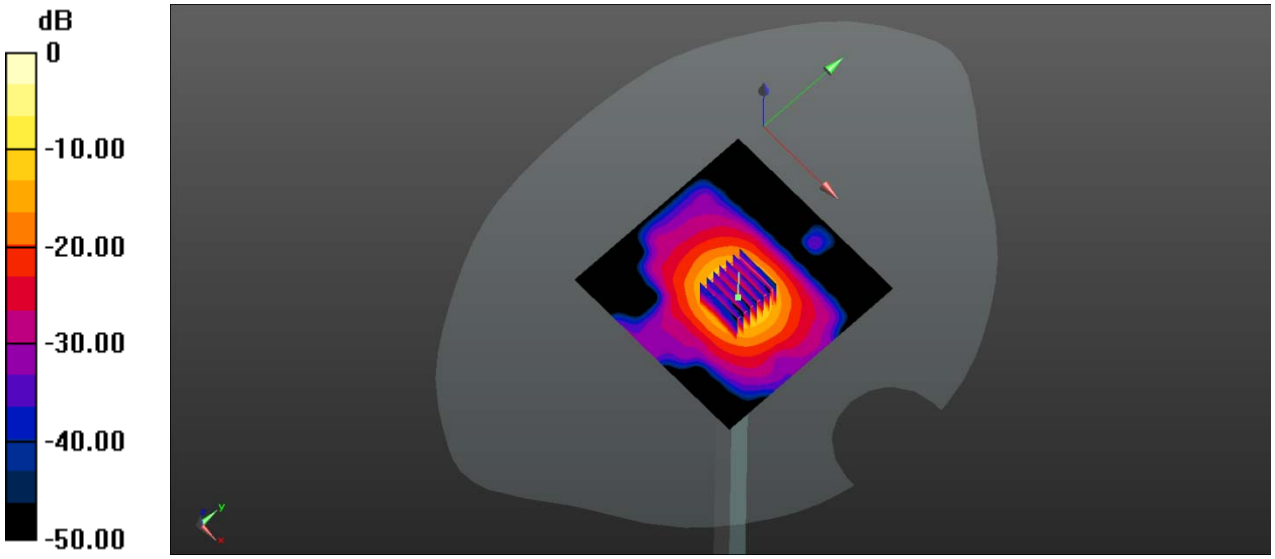
CW 5600 100mW/Zoom Scan (7x7x21)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 34.49 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 37.8 W/kg

SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 20.7 W/kg



0 dB = 20.7 W/kg

System Performance Check Data (5800MHz)

Date: 2021.02.19

Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5800 MHz; σ = 5.385 S/m; ε_r = 34.741; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.86, 4.86, 4.86); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

CW 5800 100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.57 W/kg

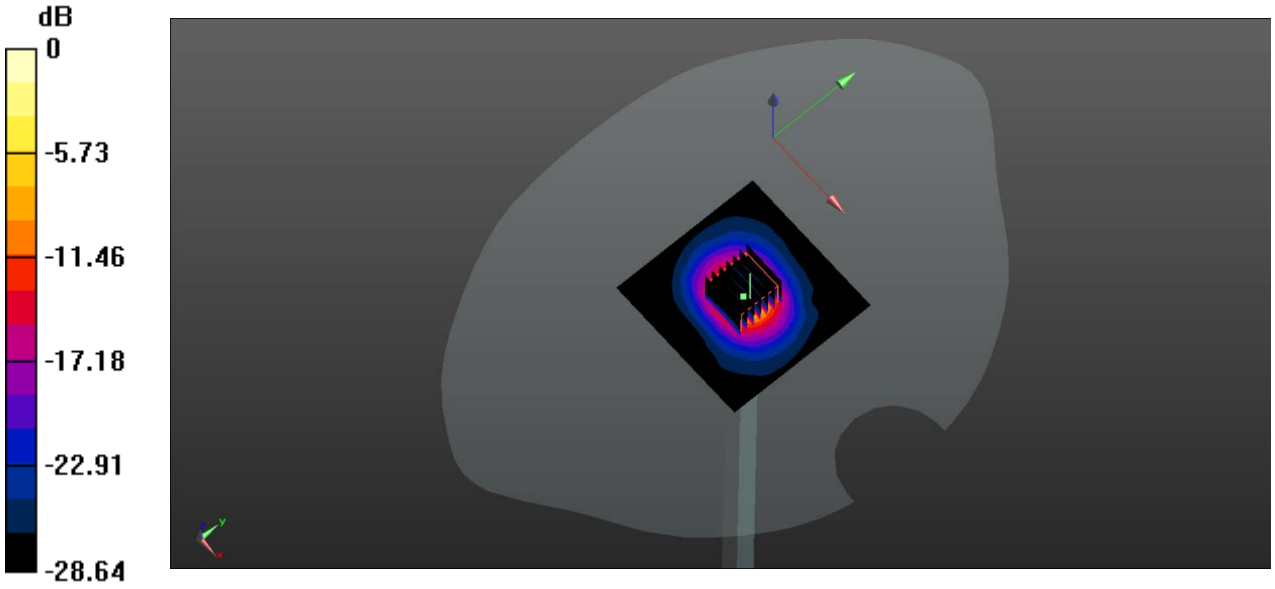
CW 5800 100mW/Zoom Scan (7x7x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.05 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 39.1 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg

ANNEX C TEST DATA

MEAS.1 Right Head with Cheek on Low Channel in GPRS 850 mode With Antenna Up

Date: 2021.01.25

Communication System Band:**GPRS850** ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08

Medium parameters used: f = 824.2 MHz; σ = 0.902 S/m; ε_r = 41.853; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

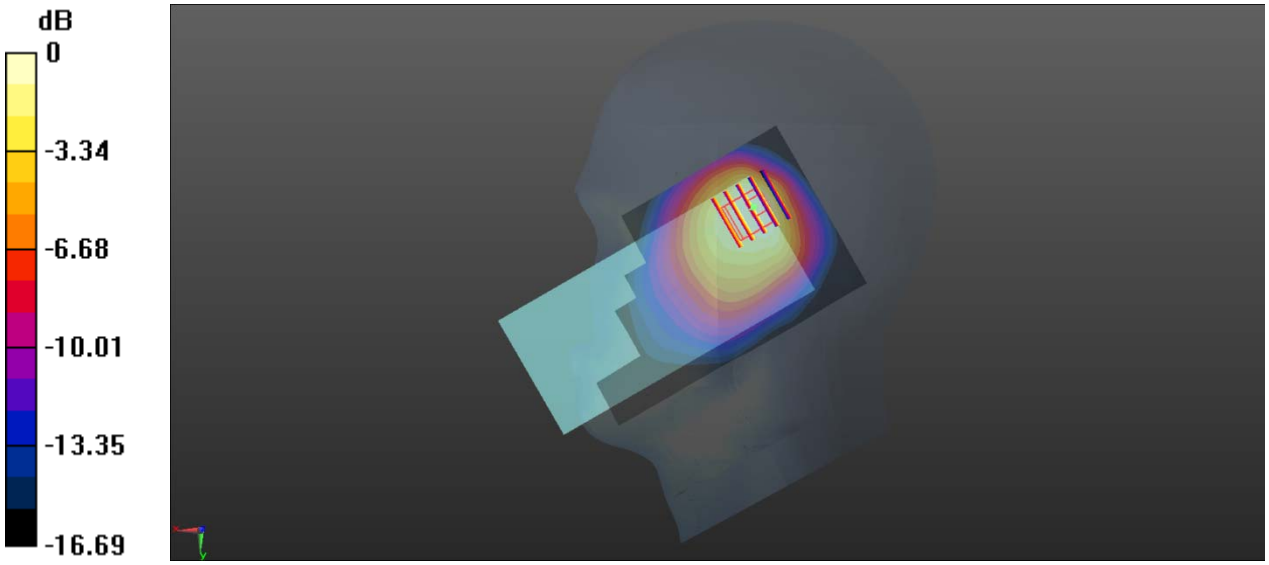
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.62 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.484 W/kg

Maximum value of SAR (measured) = 0.838 W/kg



0 dB = 0.838 W/kg

MEAS2 Body Plane with Back Side 15mm on Middle Channel in GPRS 850 mode With Antenna Down

Date: 2021.01.25

Communication System Band: GPRS850; Frequency: 836.6 MHz;Duty Cycle: 1:2.08

Medium parameters used: f = 836.6 MHz; σ = 0.937 S/m; ε_r = 41.665; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

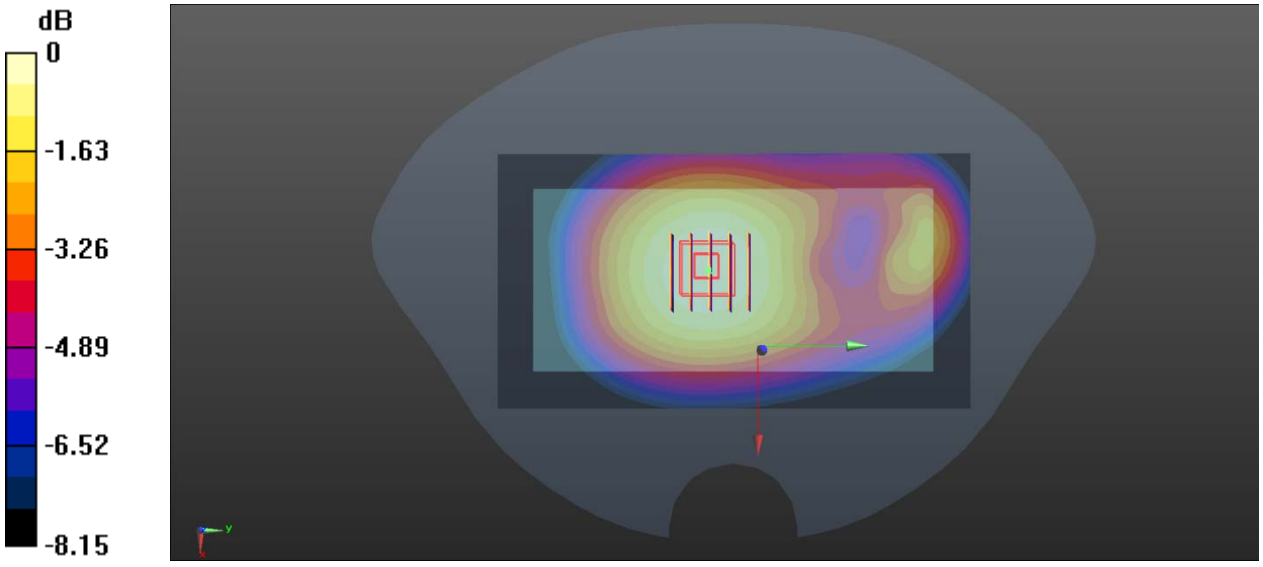
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.77 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg

MEAS.3 Body Plane with Back Side 10mm on Middle Channel in GPRS 850 mode With Antenna Down

Date: 2021.01.25

Communication System Band: GPRS850; Frequency: 836.6 MHz;Duty Cycle: 1:2.08

Medium parameters used: f = 836.6 MHz; σ = 0.937 S/m; ε_r = 41.665; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch190/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

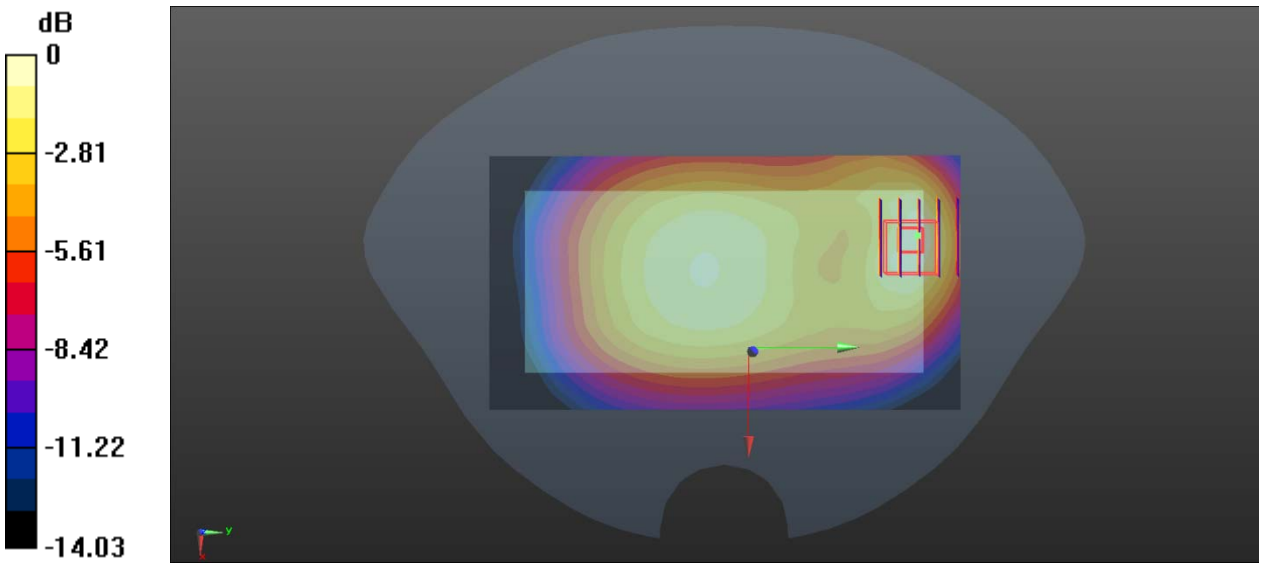
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.03 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg

MEAS.4 Right Head with Tilt on High Channel in GPRS 1900 mode With Antenna Up

Date: 2021.02.03

Communication System Band: GPRS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:2.77

Medium parameters used: f = 1909.8 MHz; σ = 1.388 S/m; ε_r = 38.794; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

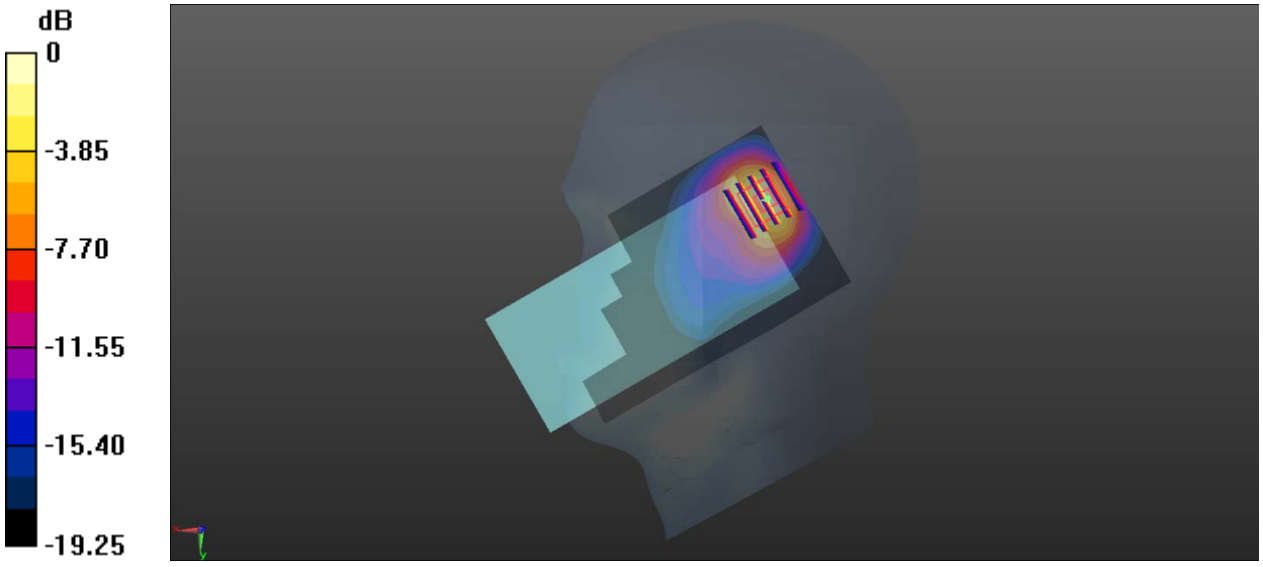
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.53 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg

MEAS.5 Body Plane with Back Side 15mm on Middle Channel in GPRS1900 mode With Antenna Up

Date: 2021.02.03

Communication System Band: GPRS1900; Frequency: 1880 MHz;Duty Cycle: 1:2.77

Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.116; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.320 W/kg

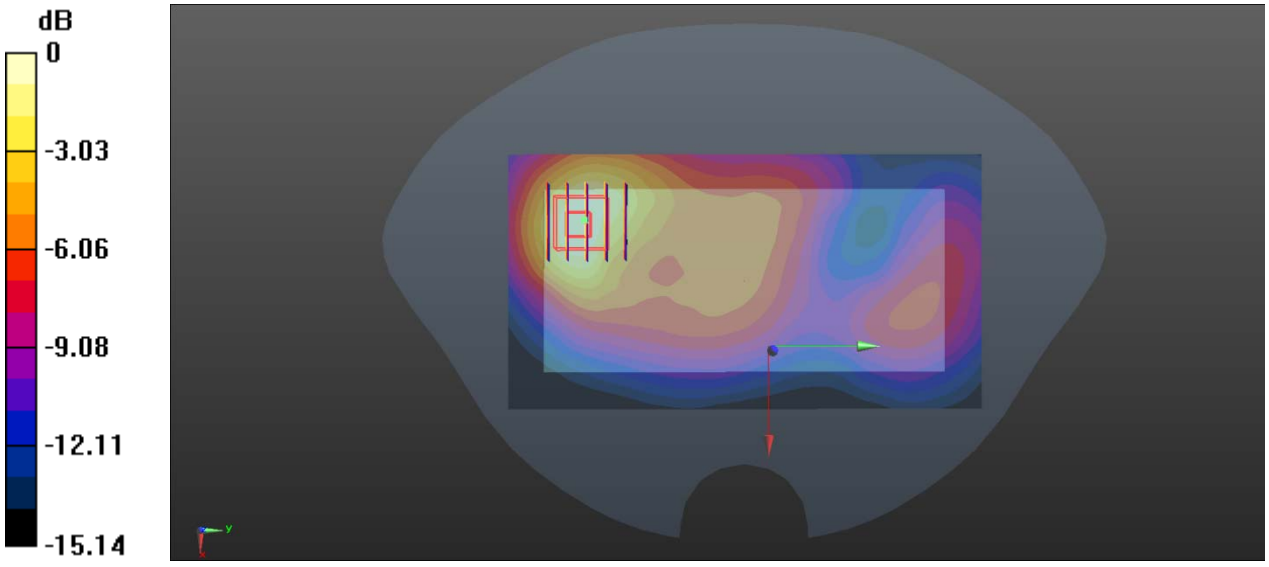
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.862 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg

MEAS.6 Body Plane with Top Edge 10mm on Middle Channel in GPRS 1900 mode With Antenna Up

Date: 2021.02.03

Communication System Band:GPRS1900 ; Frequency: 1880 MHz;Duty Cycle: 1:2.77

Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.116; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.644 W/kg

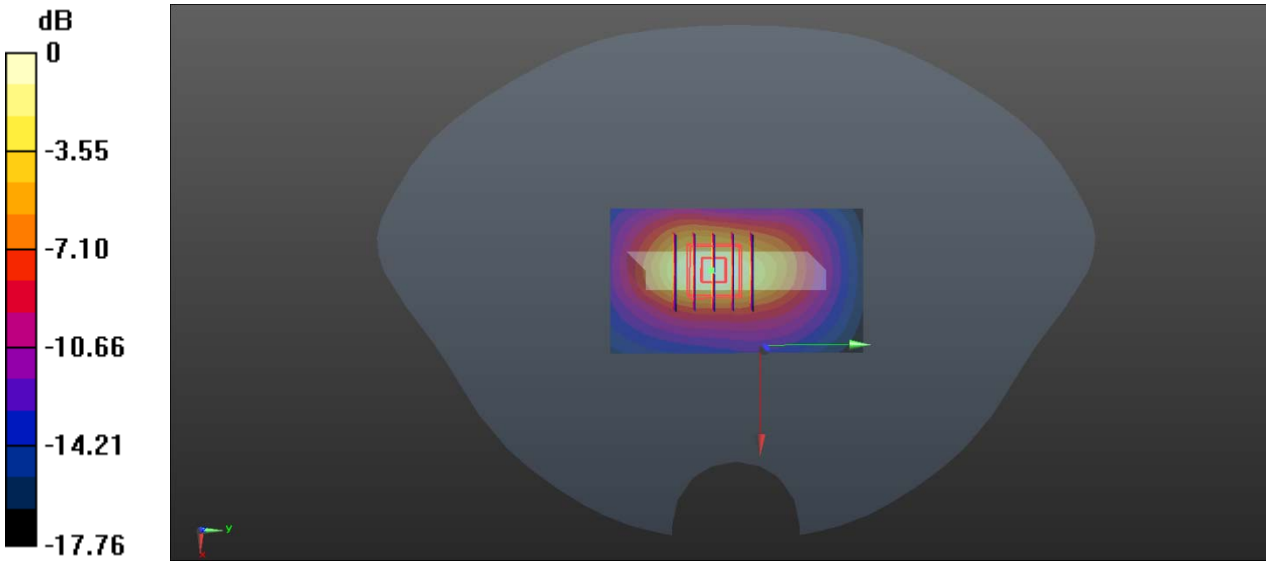
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

MEAS.7 Right Head with Tilt on High Channel in WCDMA B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **WCDMA B2**; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1907.6 MHz; σ = 1.427 S/m; ε_r = 40.389; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

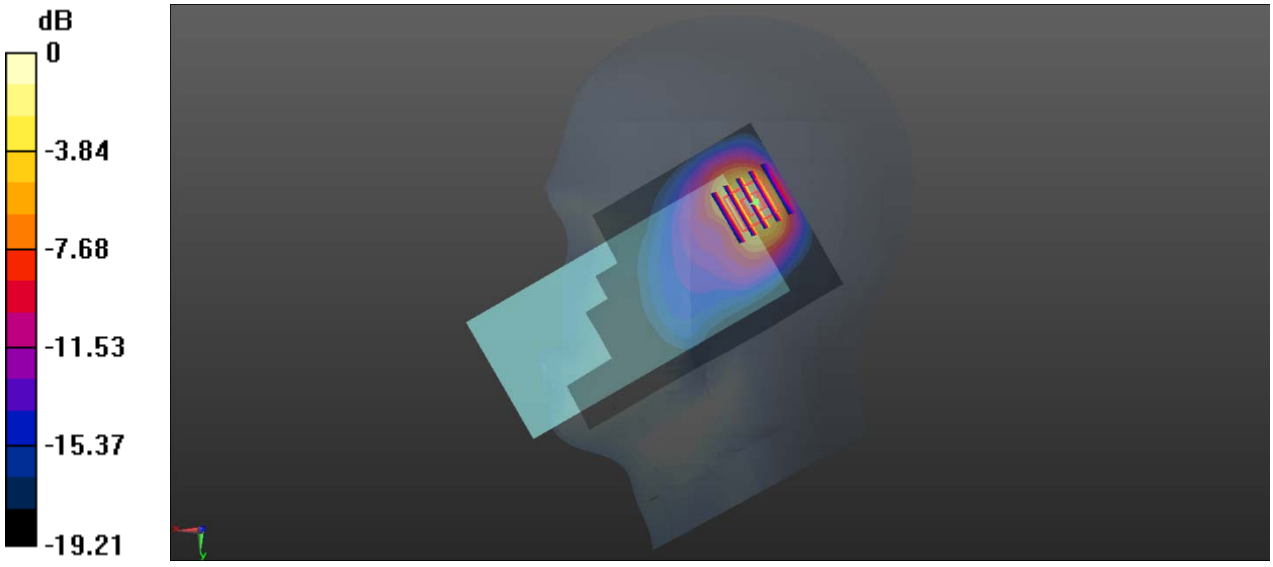
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.83 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg

MEAS.8 Body Plane with Back Side 15mm on High Channel in WCDMA B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **WCDMA B2**; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1907.6 MHz; σ = 1.427 S/m; ε_r = 40.389; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.333 W/kg

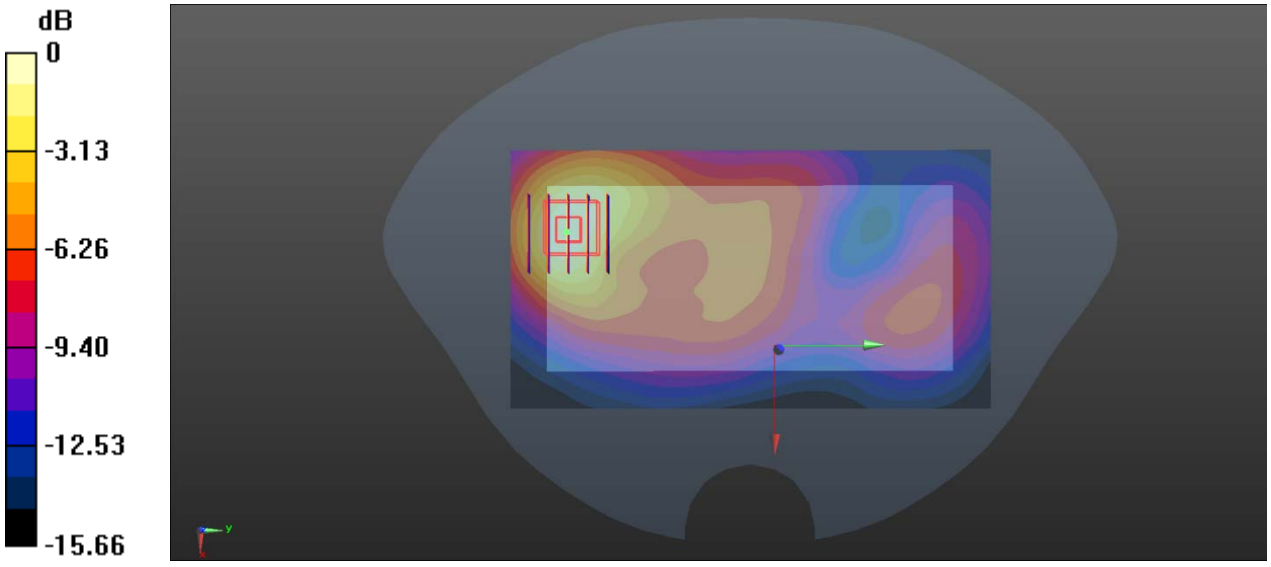
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.244 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg

MEAS9 Body Plane with Bottom Edge 10mm on High Channel in WCDMA B2 mode With Antenna Down

Date: 2021.02.05

Communication System Band: **WCDMA B2**; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1907.6 MHz; σ = 1.427 S/m; ε_r = 40.389; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

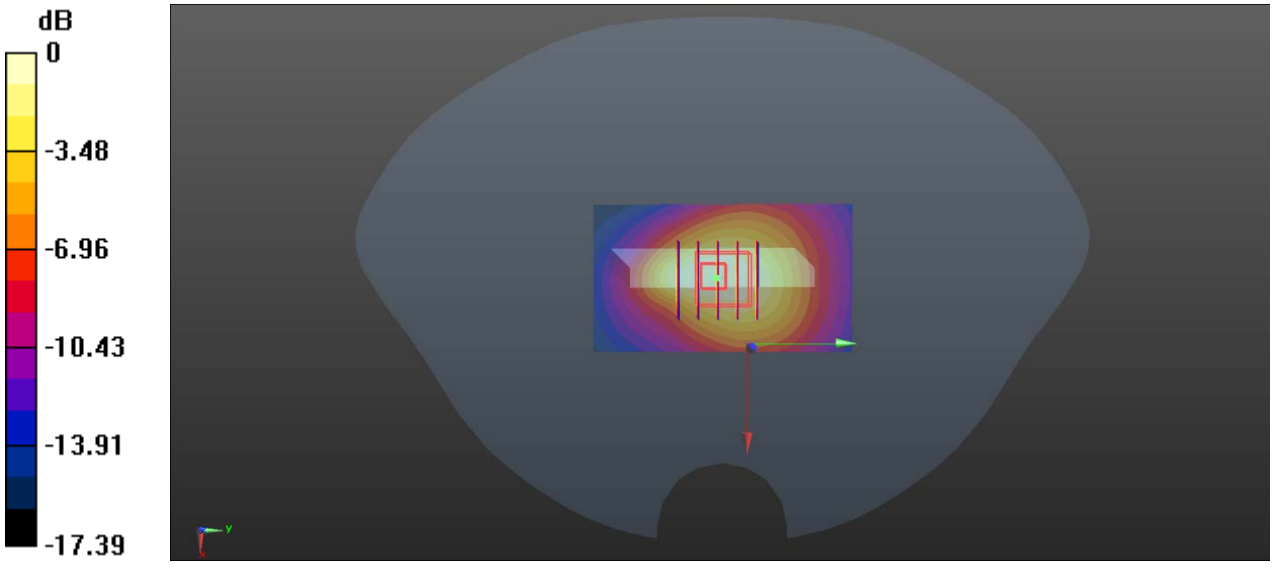
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.98 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg

MEAS.10 Body Plane with Top Edge 0mm on High Channel in WCDMA B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **WCDMA B2**; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1907.6 MHz; σ = 1.427 S/m; ε_r = 40.389; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.59 W/kg

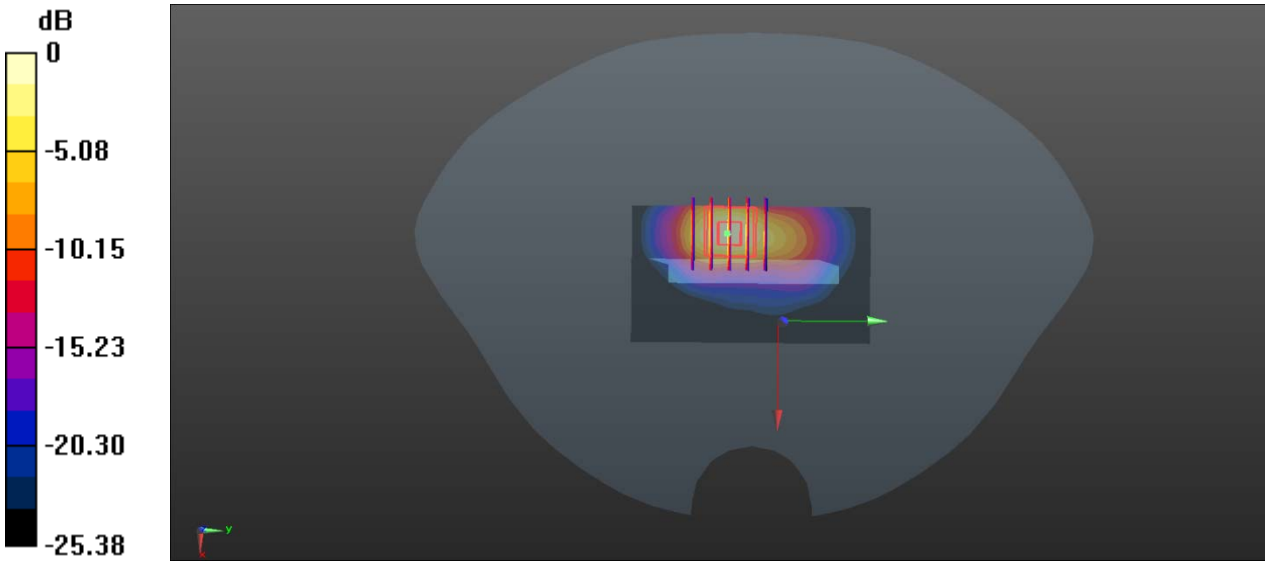
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.869 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 4.76 W/kg; SAR(10 g) = 1.89 W/kg

Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 5.92 W/kg

MEAS.11 Right Head with Tilt on High Channel in WCDMA B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **WCDMA B4**; Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1752.6 MHz; σ = 1.384 S/m; ε_r = 38.948; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

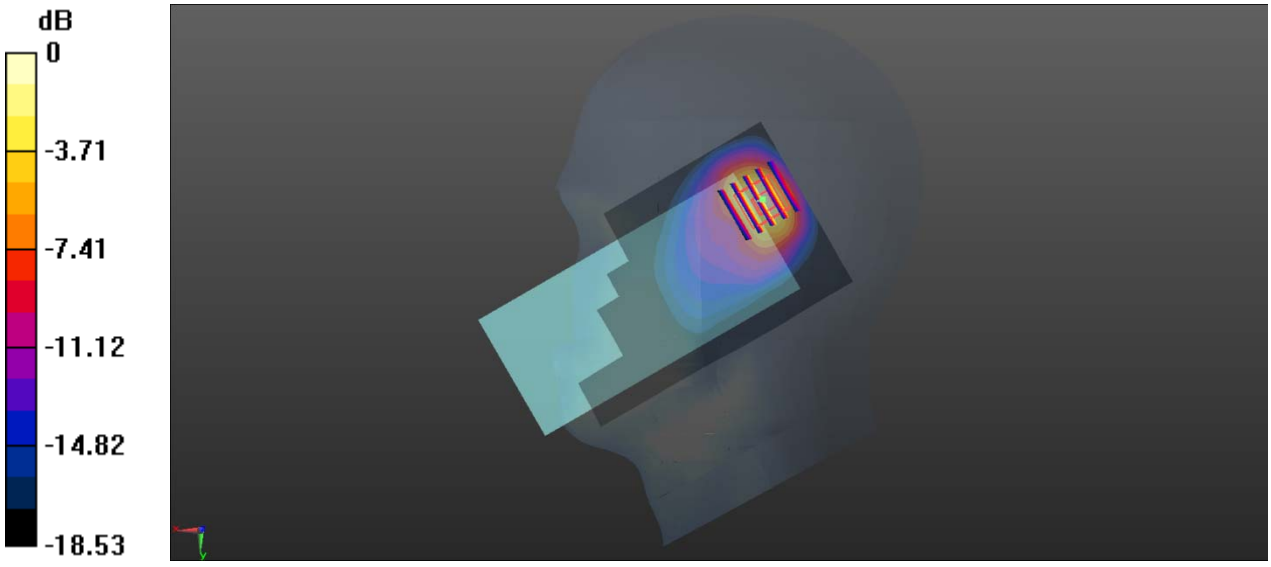
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.96 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

MEAS.12 Body Plane with Back Side 15mm on High Channel in WCDMA B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **WCDMA B4**; Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1752.6 MHz; σ = 1.384 S/m; ε_r = 38.948; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.399 W/kg

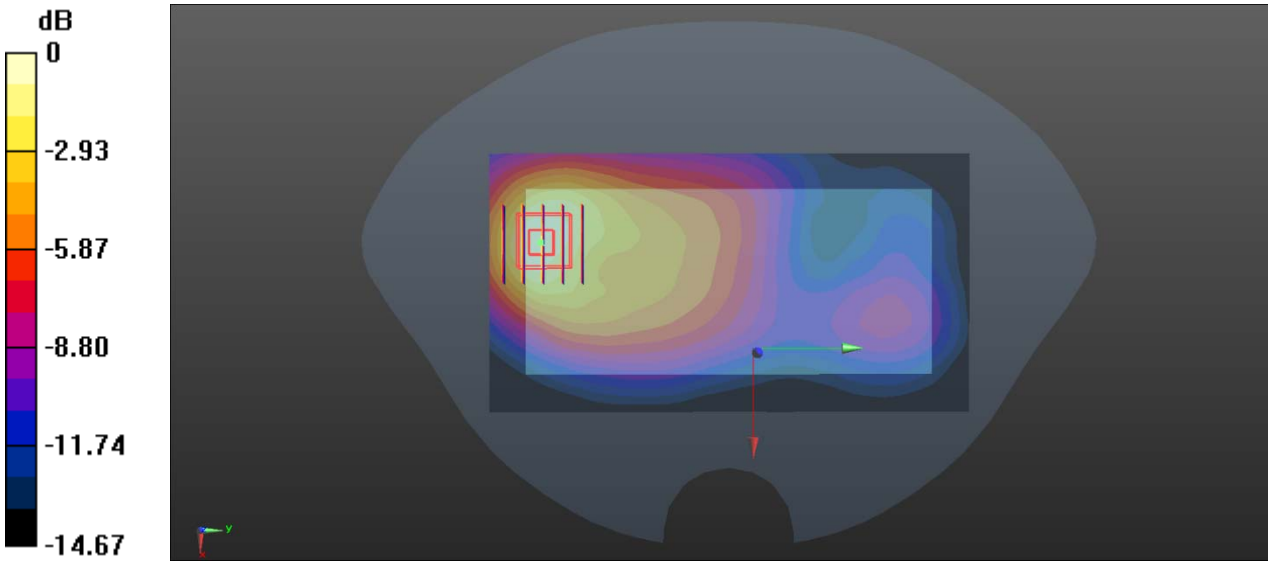
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.103 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg

MEAS.13 Body Plane with Top Edge 10mm on High Channel in WCDMA B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **WCDMA B2**; Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1752.6 MHz; σ = 1.384 S/m; ε_r = 38.948; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.998 W/kg

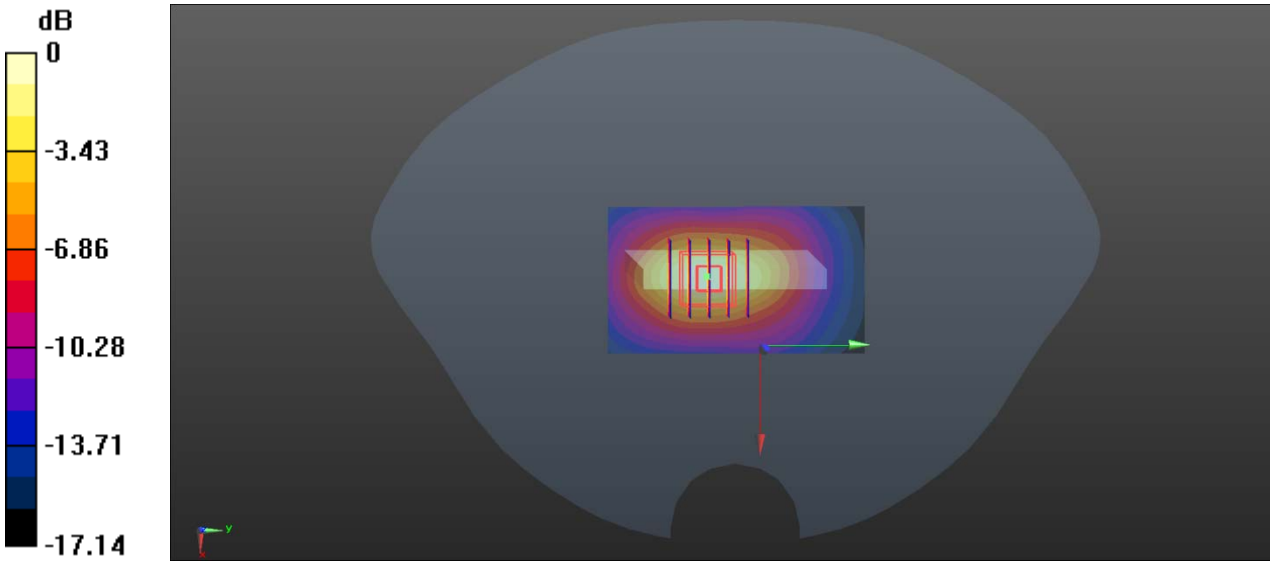
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.89 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg

MEAS.14 Right Head with Cheek on Low Channel in WCDMA B5 mode With Antenna Up

Date: 2021.01.25

Communication System Band: **WCDMA B5**; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 846.6 MHz; σ = 0.946 S/m; ε_r = 41.526; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.820 W/kg

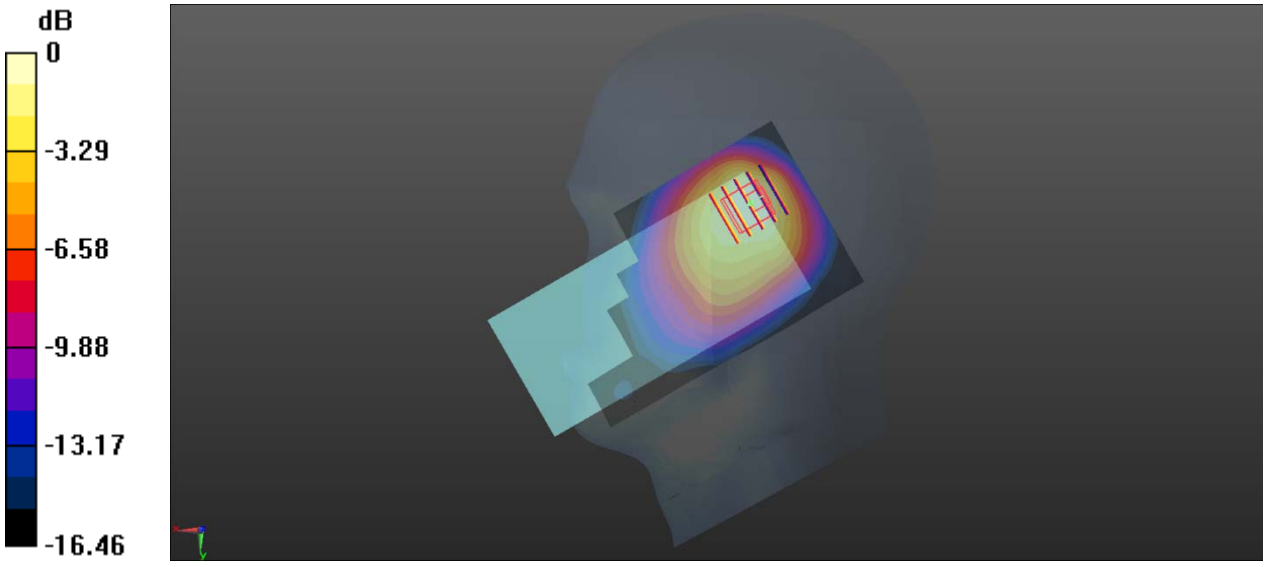
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 0.769 W/kg



0 dB = 0.769 W/kg

MEAS.15-Body Plane with Back Side 15mm on High Channel in WCDMA B5 mode-Down

Date: 2021.01.25

Communication System Band: **WCDMA B5**; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 846.6 MHz; σ = 0.946 S/m; ε_r = 41.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.223 W/kg

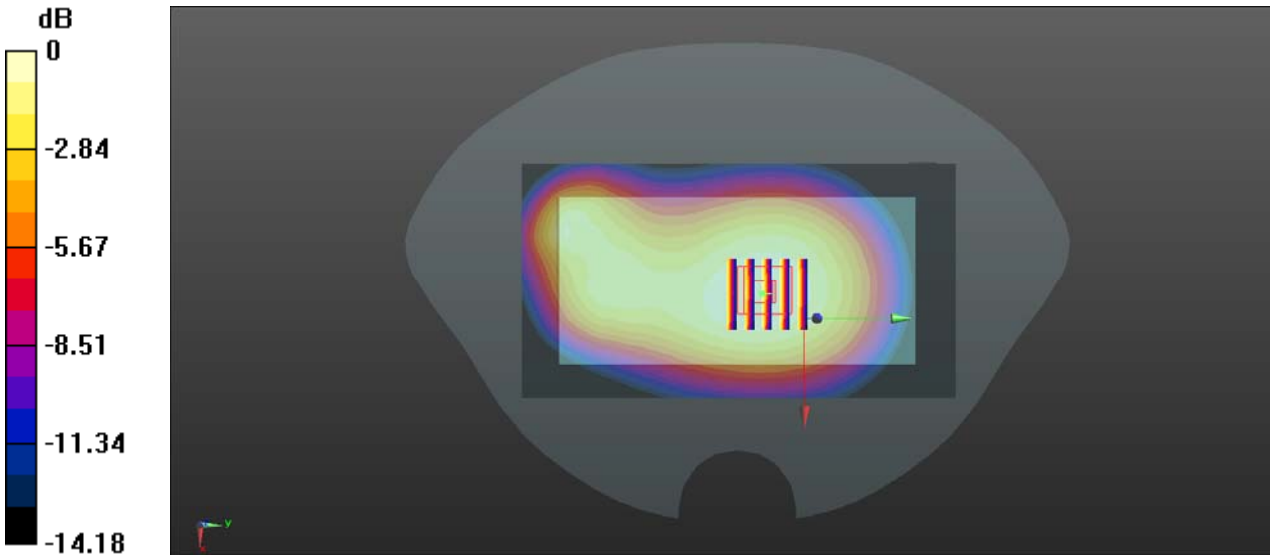
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.70 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg

MEAS.16-Body Plane with Back Side 10mm on High Channel in WCDMA B5 mode With Antenna Down

Date: 2021.01.25

Communication System Band: **WCDMA B5**; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 846.6 MHz; σ = 0.946 S/m; ε_r = 41.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.8

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.280 W/kg

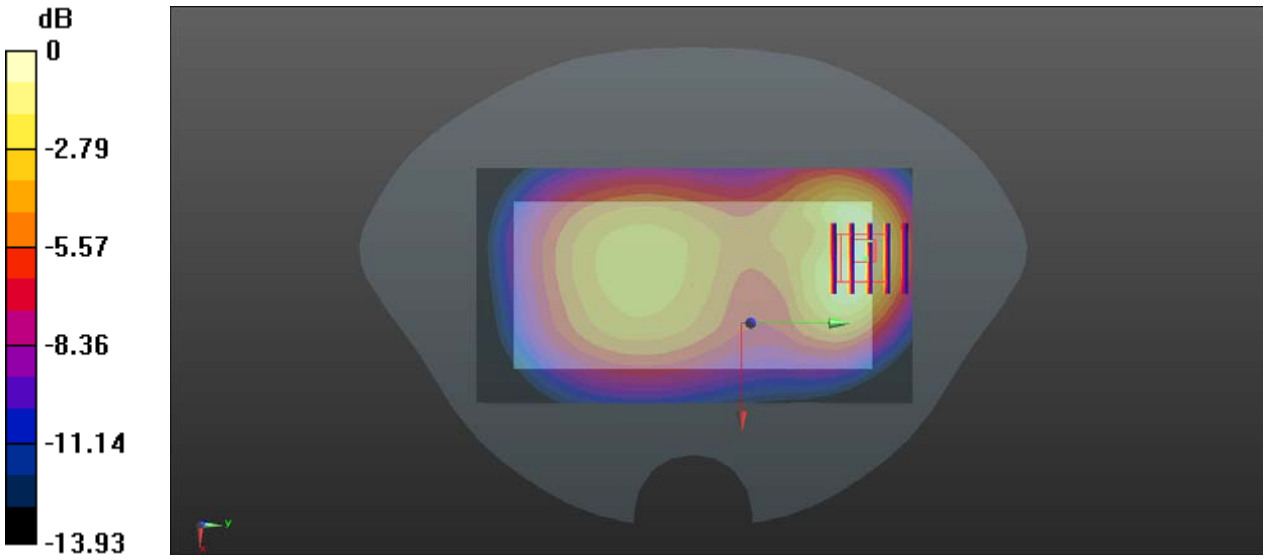
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.96 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg

MEAS.17 Right Head with Tilt on High Channel in LTE B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **LTE B2**; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1900 MHz; σ = 1.425 S/m; ε_r = 40.401; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch19100/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.953 W/kg

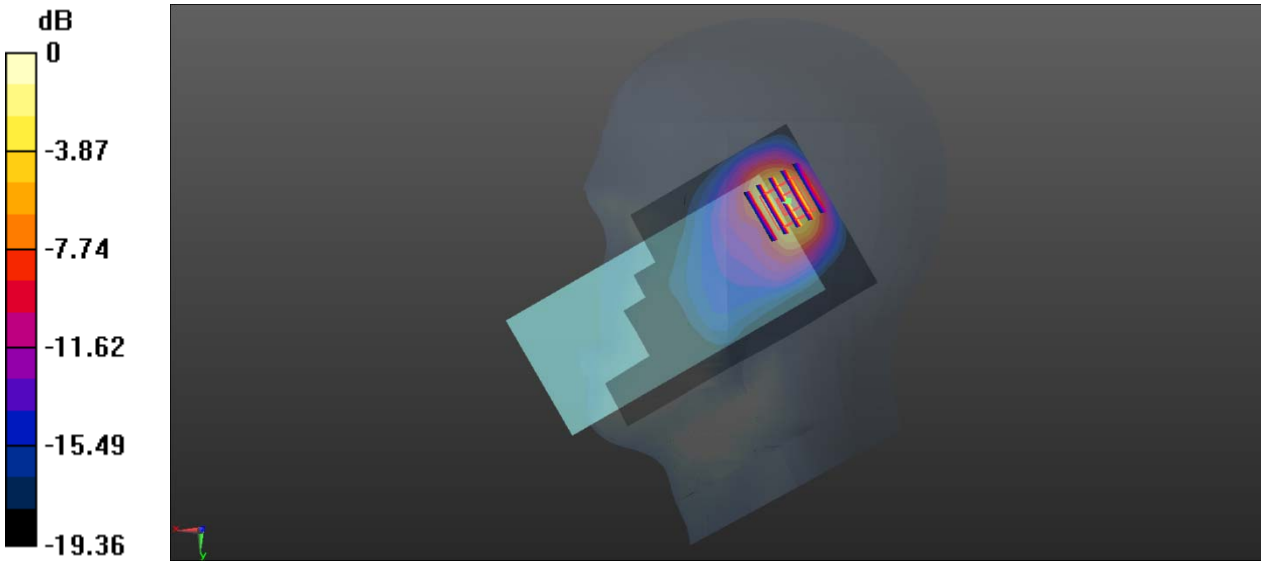
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.20 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

MEAS.18-Body Plane with Back Side 15mm on Mid Channel in LTE B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **LTE B2**; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.422 S/m; ε_r = 40.426; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

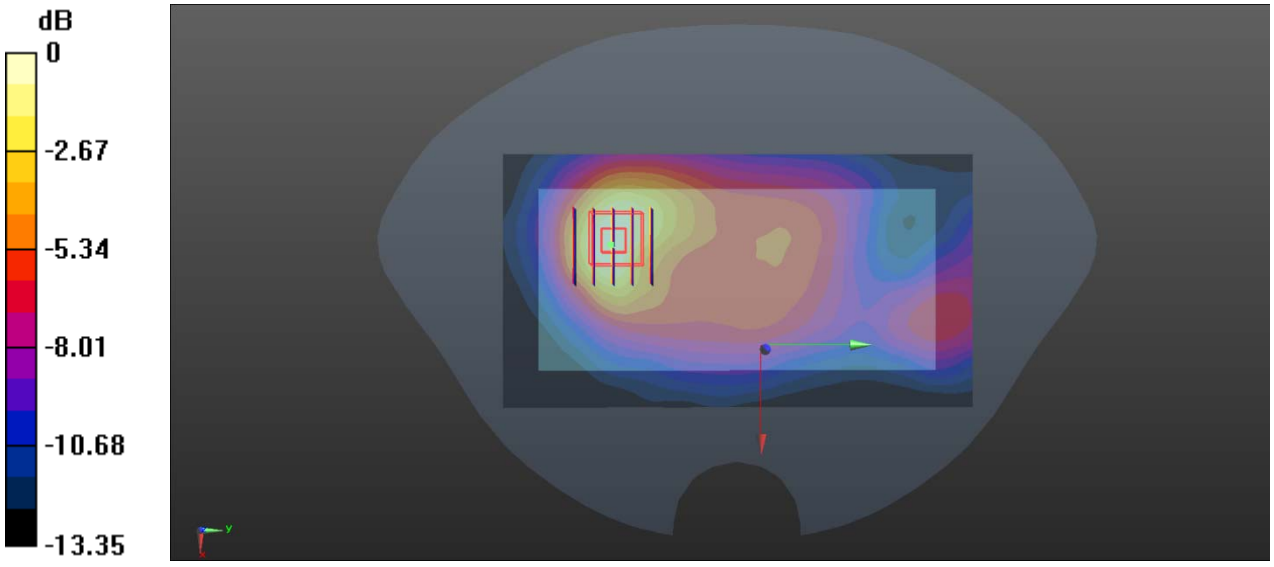
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.598 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg

MEAS.19-Body Plane with Top Edge 10mm on Middle Channel in LTE B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **LTE B2**; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.422 S/m; ε_r = 40.426; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.485 W/kg

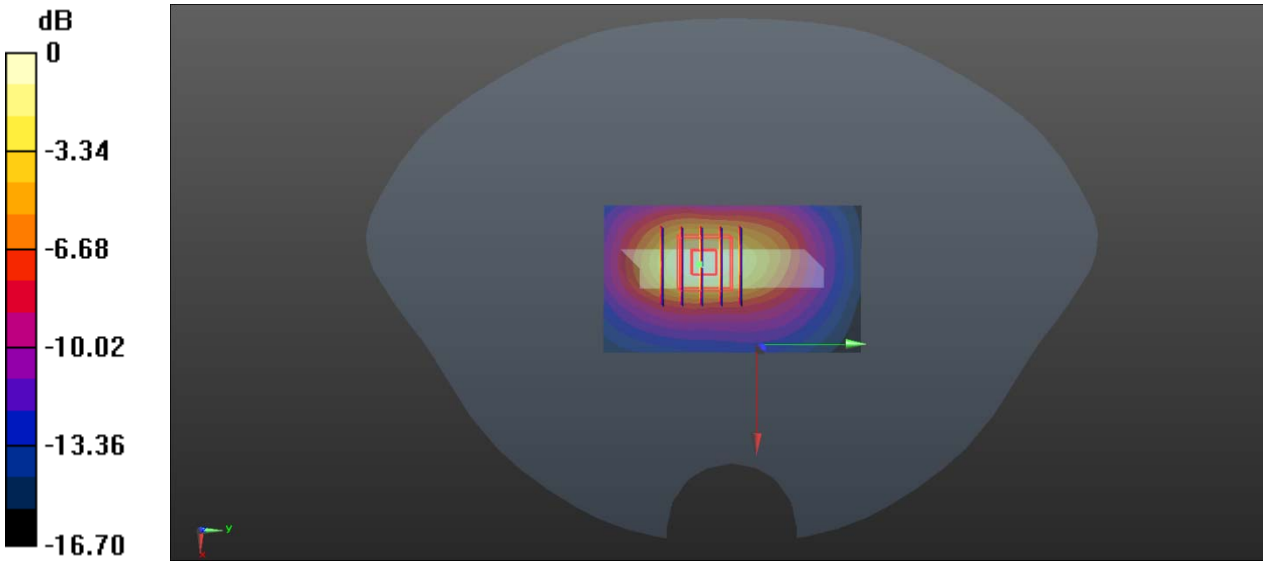
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.88 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.463 W/kg

MEAS.20 Body Plane with Top 0mm on Middle Channel in LTE B2 mode With Antenna Up

Date: 2021.02.05

Communication System Band: **LTE B2**; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.422 S/m; ε_r = 40.426; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.8 Liquid Temperature:21.9

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.26, 8.26, 8.26); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.64 W/kg

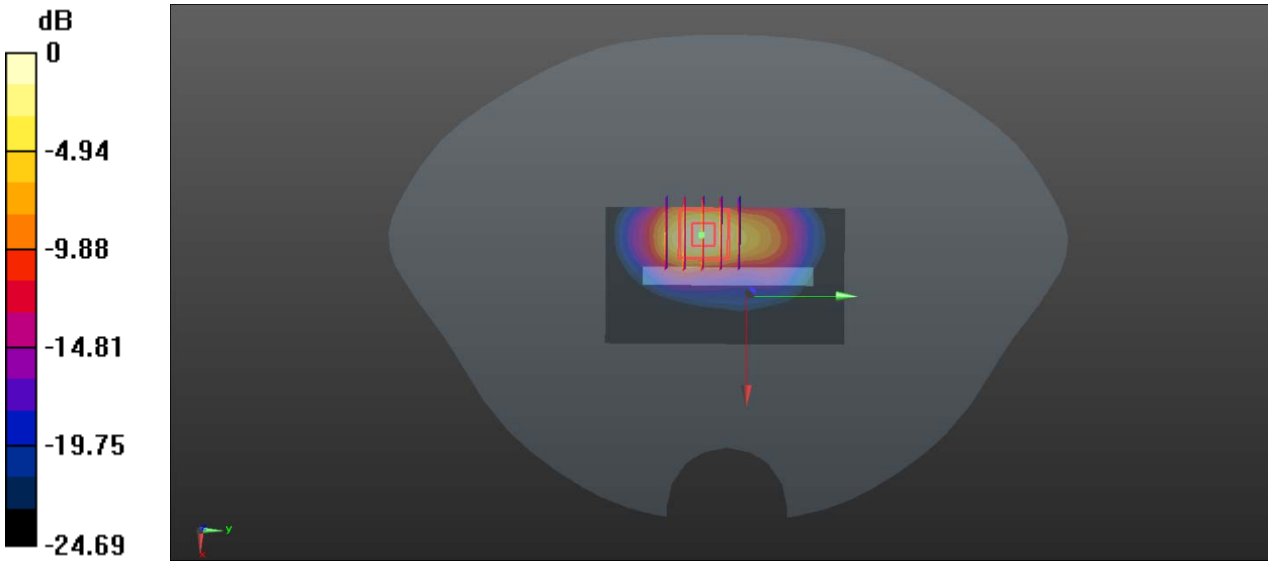
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.18 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 4.71 W/kg; SAR(10 g) = 1.89 W/kg

Maximum value of SAR (measured) = 5.84 W/kg



0 dB = 5.84 W/kg

MEAS.21 Right Head with Tilt on High Channel in LTE B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **LTE B4**; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.374 S/m; ε_r = 38.991; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.934 W/kg

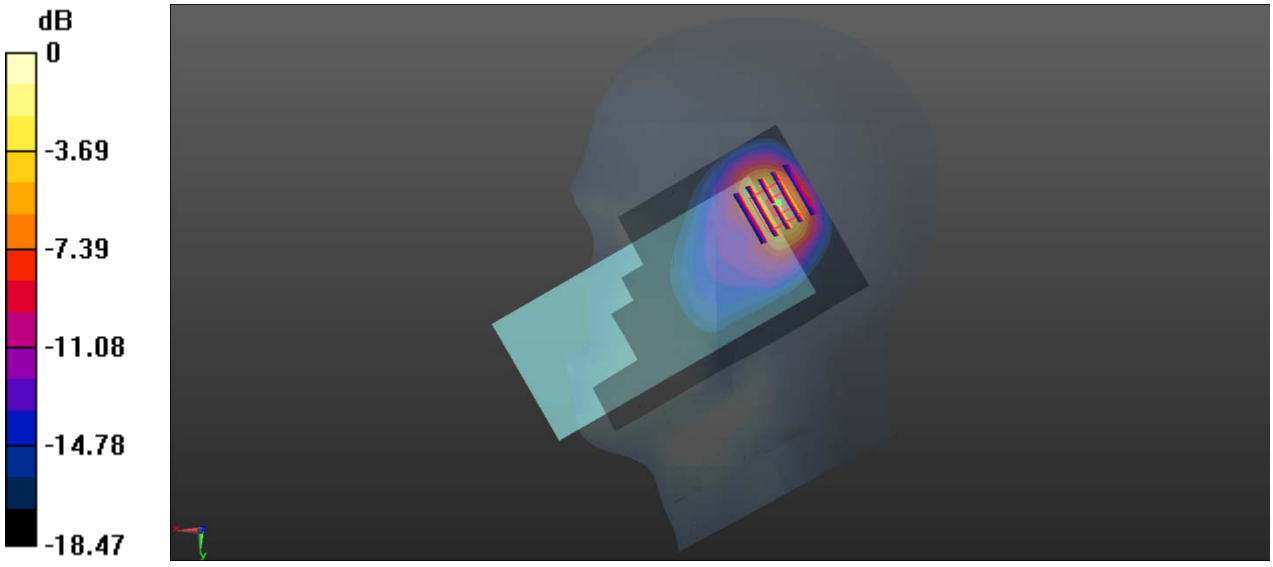
Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

MEAS.22 Body Plane with Back Side 15mm on Mid Channel in LTE B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **LTE B4**; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.32 S/m; ε_r = 40.34; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.129 W/kg

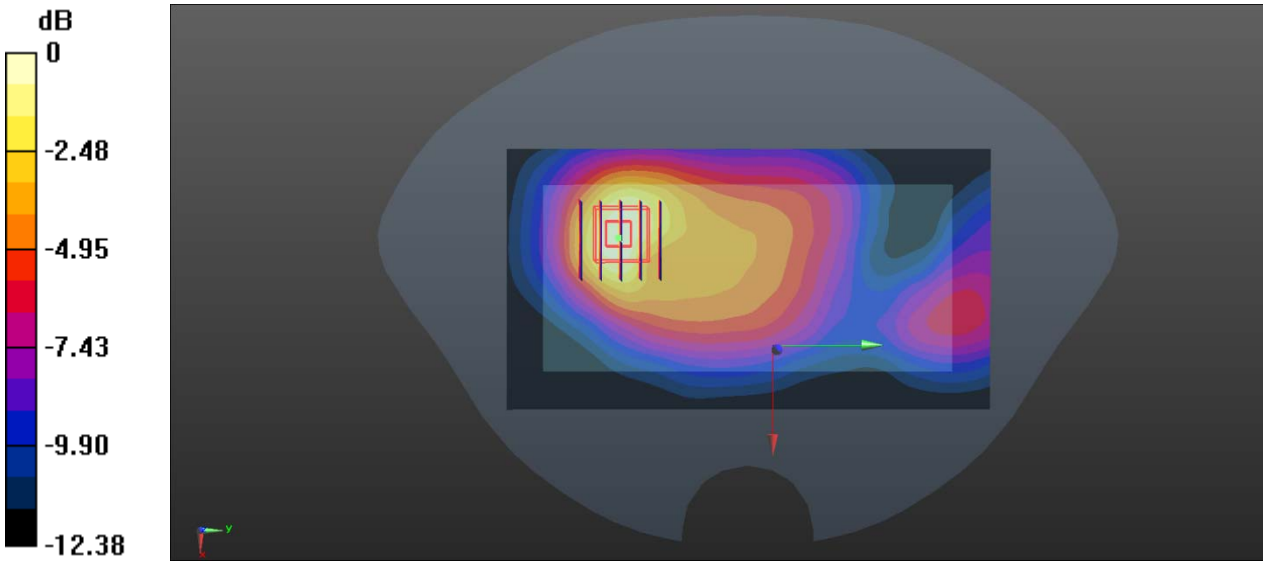
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.107 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg

MEAS.23 Body Plane with Top Edge 10mm on Mid Channel in LTE B4 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **LTE B4**; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.351 S/m; ε_r = 39.232; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.568 W/kg

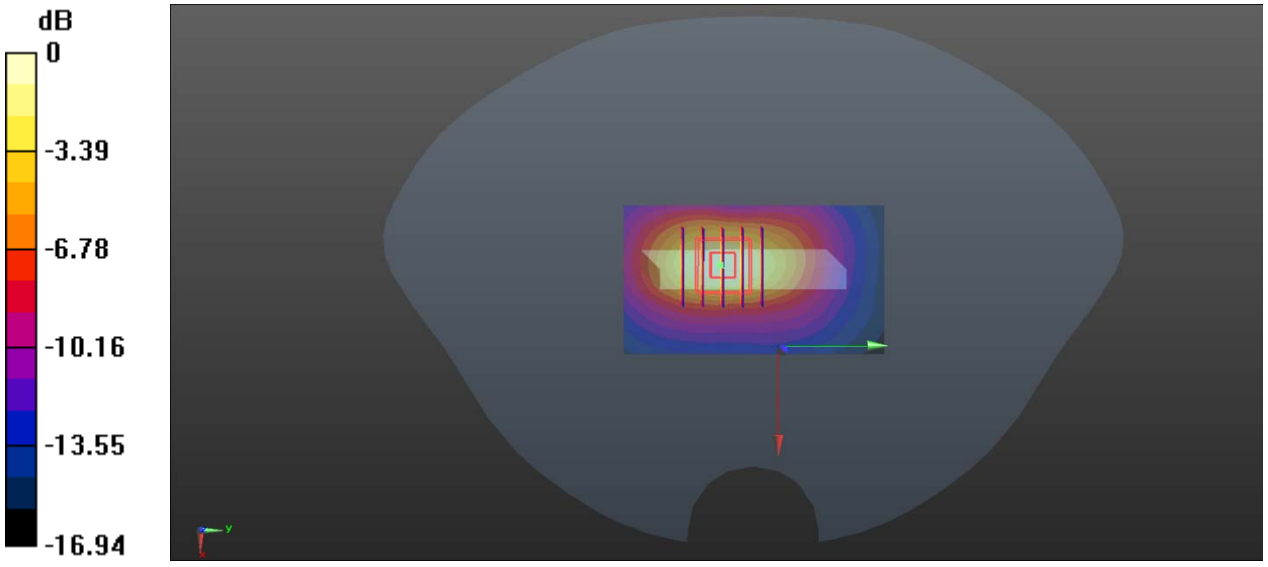
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.30 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg

MEAS.24 Right Head with Cheek on High Channel in LTE B5 mode With Antenna UAT

Date: 2021.01.28

Communication System Band: **LTE B5**; Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: f = 844 MHz; σ = 0.929 S/m; ε_r = 40.201; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.663 W/kg

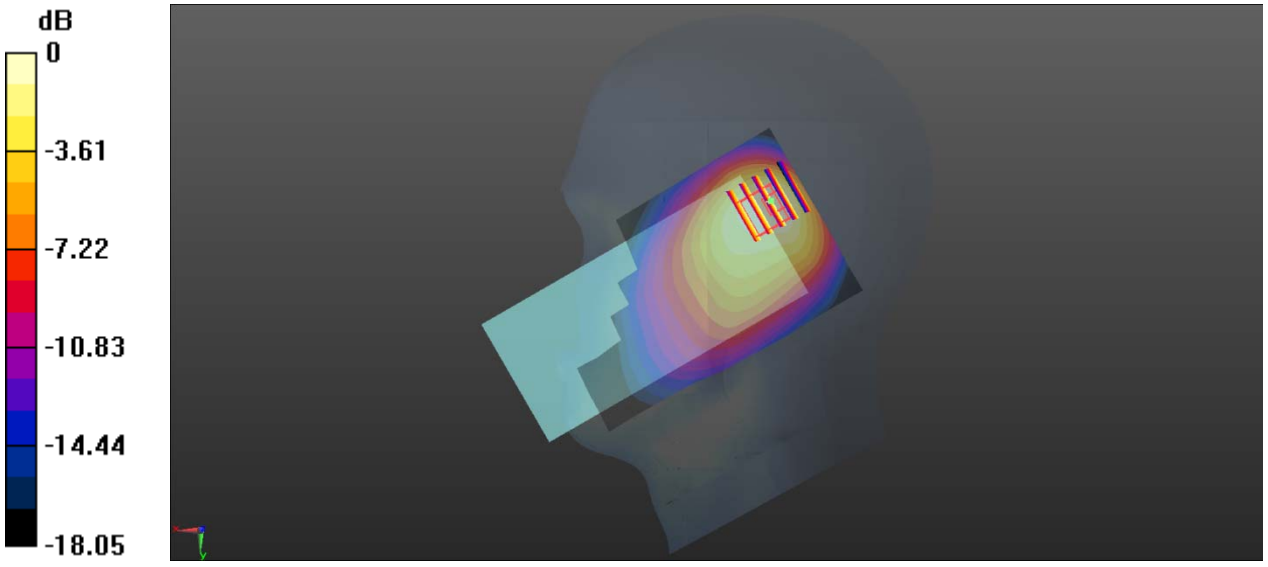
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg

MEAS.25 Body Plane with Back Side 15mm on High Channel in LTE B5 mode With Antenna Down

Date: 2021.01.28

Communication System Band: **LTE B5**; Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: f = 844 MHz; σ = 0.929 S/m; ε_r = 40.201; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.135 W/kg

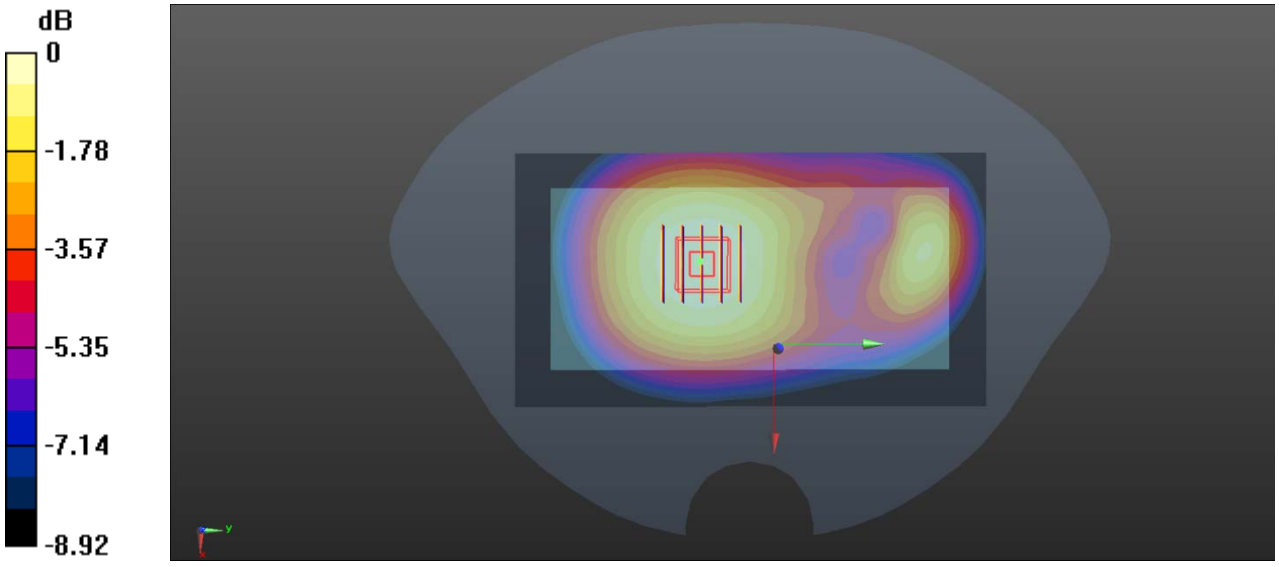
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.23 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg

MEAS.26 Body Plane with Back Side 10mm on High Channel in LTE B5 mode With Antenna Down

Date: 2021.01.28

Communication System Band: **LTE B5**; Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: f = 844 MHz; σ = 0.929 S/m; ε_r = 40.201; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.133 W/kg

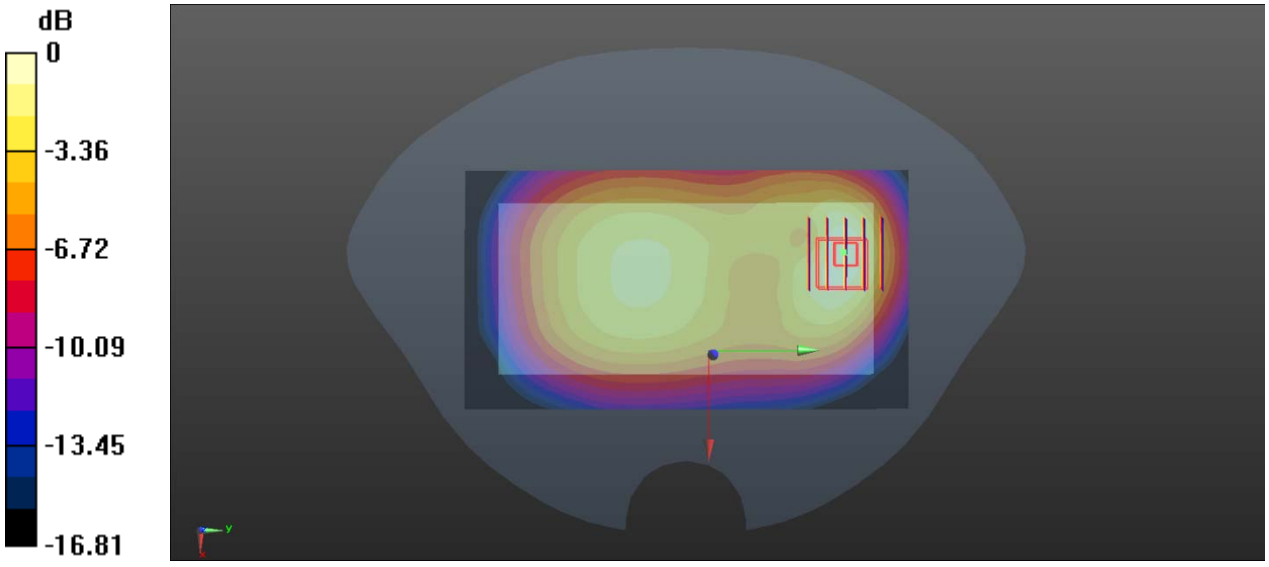
Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.85 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg

MEAS.27 Right Head with Tilt on Low Channel in LTE B7 mode With Antenna Up

Date: 2021.02.13

Communication System Band: **LTE B7**; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2510 MHz; σ = 1.845 S/m; ε_r = 39.011; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.818 W/kg

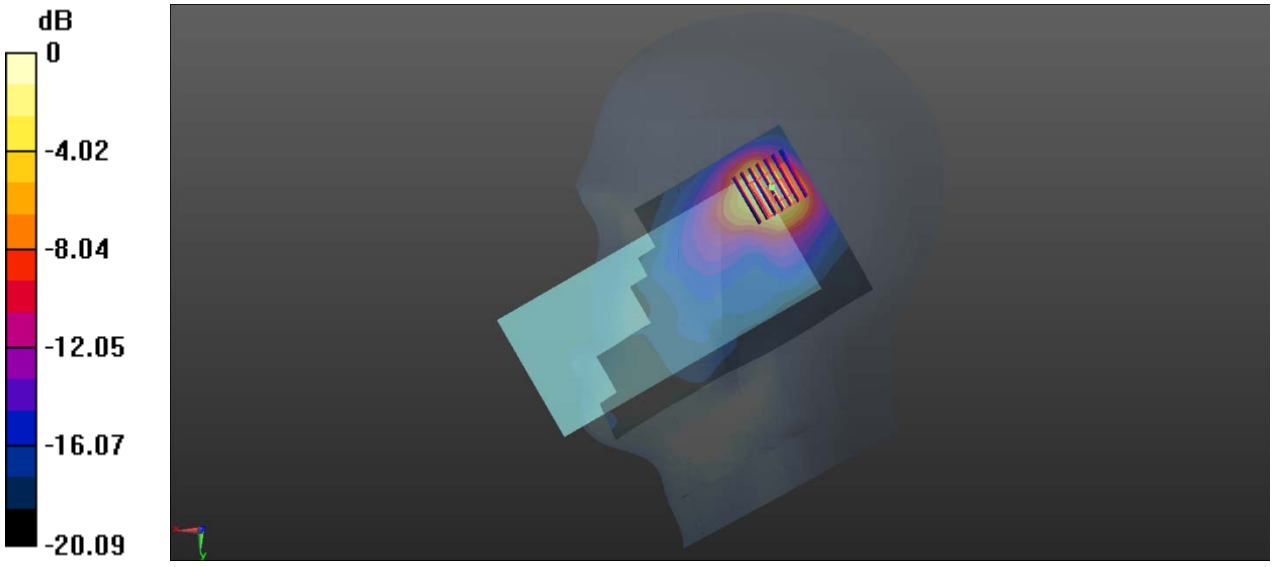
Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.840 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.280 W/kg

Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg

MEAS.28 Body Plane with Front Side 15mm on Mid Channel in LTE B7 mode With Antenna Down

Date: 2021.02.13

Communication System Band: **LTE B7**; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz; σ = 1.878 S/m; ε_r = 38.75; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

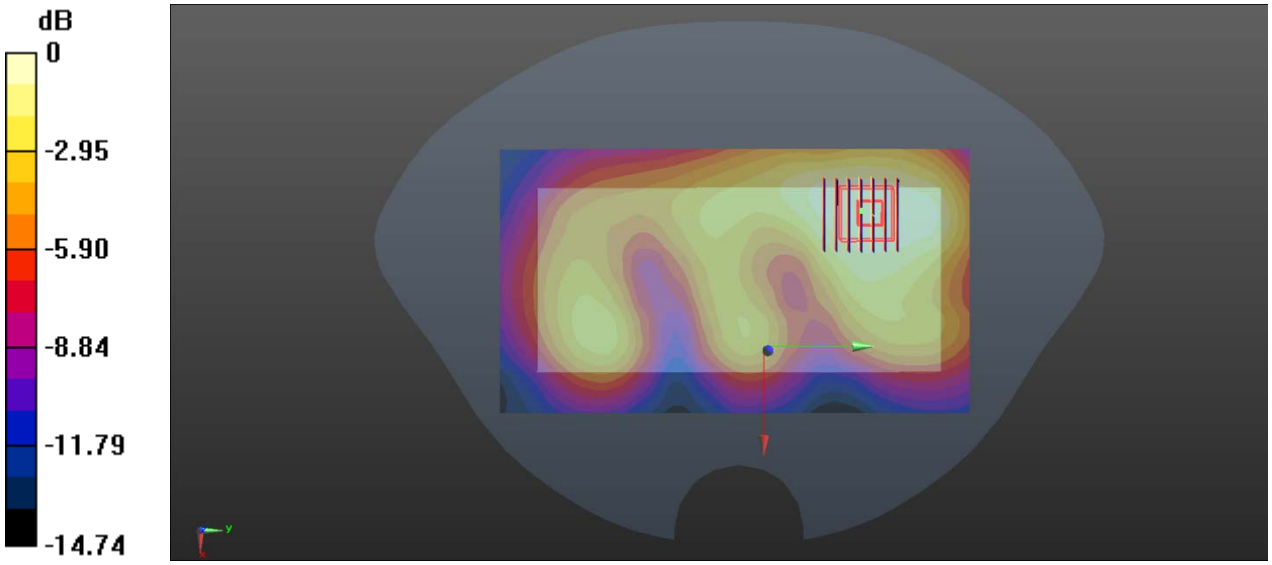
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.247 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg

MEAS.29 Body Plane with Front Side 10mm on Middle Channel in LTE B7 mode With Antenna Down

Date: 2021.02.13

Communication System Band: **LTE B7**; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz; σ = 1.878 S/m; ε_r = 38.75; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Versiond: dx= 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch21100/Area Scan (91x161x1): Interpolated gri1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

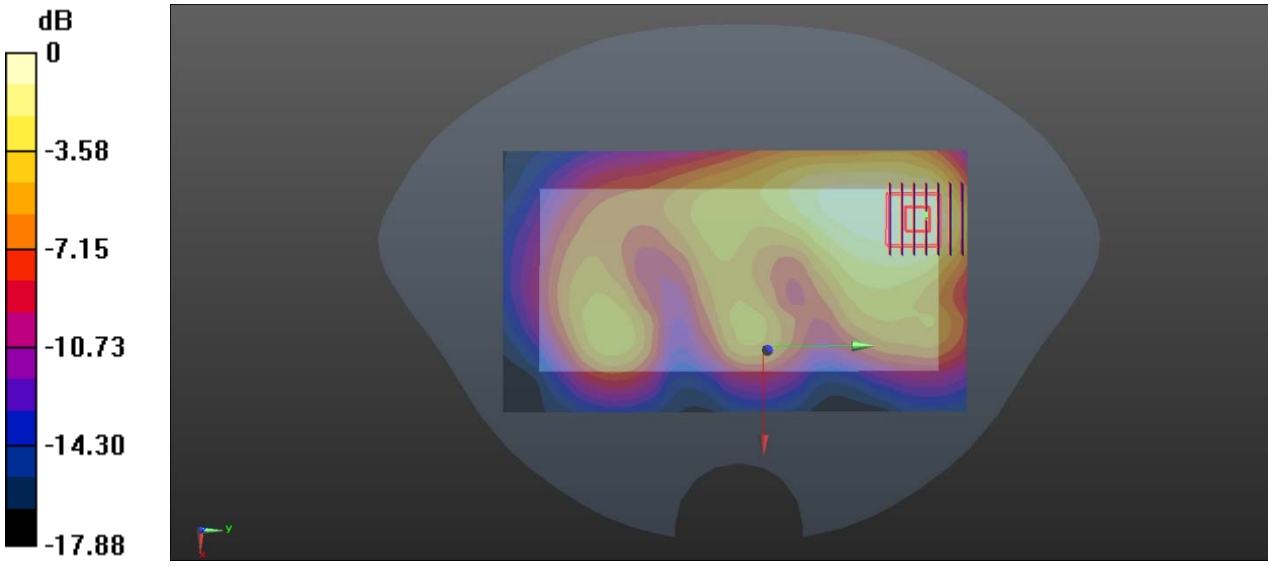
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.319 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.990 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg

MEAS.30 Right Head with Cheek on High Channel in LTE B12 mode With Antenna Up

Date: 2021.01.23

Communication System Band: **LTE B12**; Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: f = 711 MHz; σ = 0.881 S/m; ε_r = 42.167; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.84, 10.84, 10.84); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

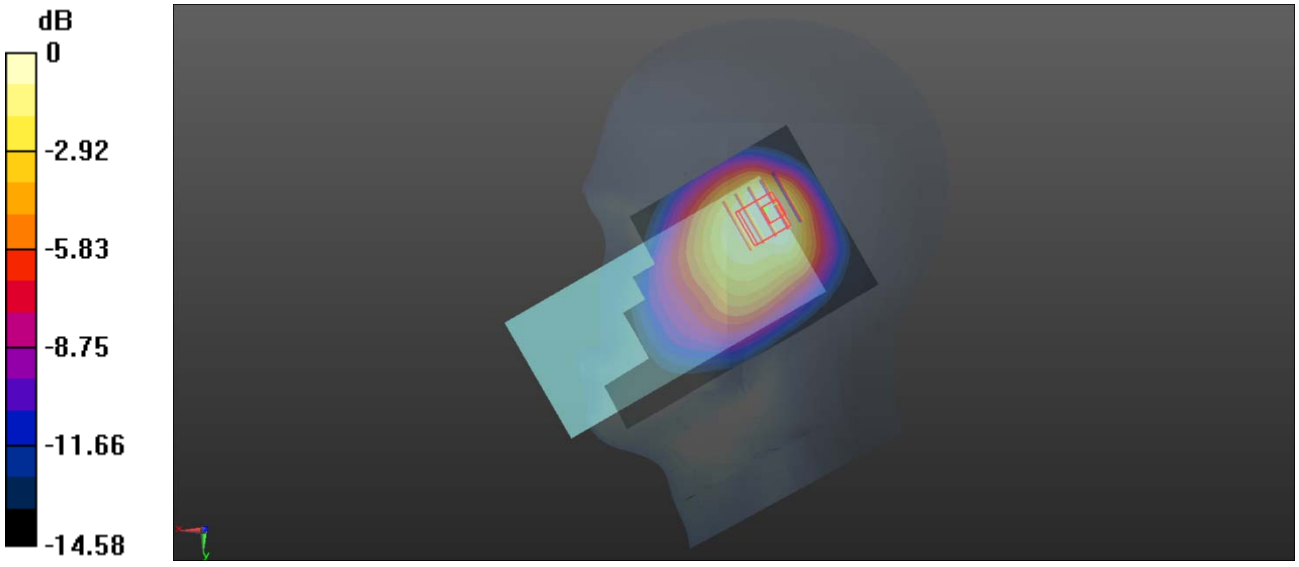
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.06 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

MEAS.31 Body Plane with Back Side 15mm on Low Channel in LTE B12 mode With Antenna Down

Date: 2021.01.23

Communication System Band: **LTE B12**; Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: f = 711 MHz; σ = 0.881 S/m; ε_r = 42.167; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.84, 10.84, 10.84); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.145 W/kg

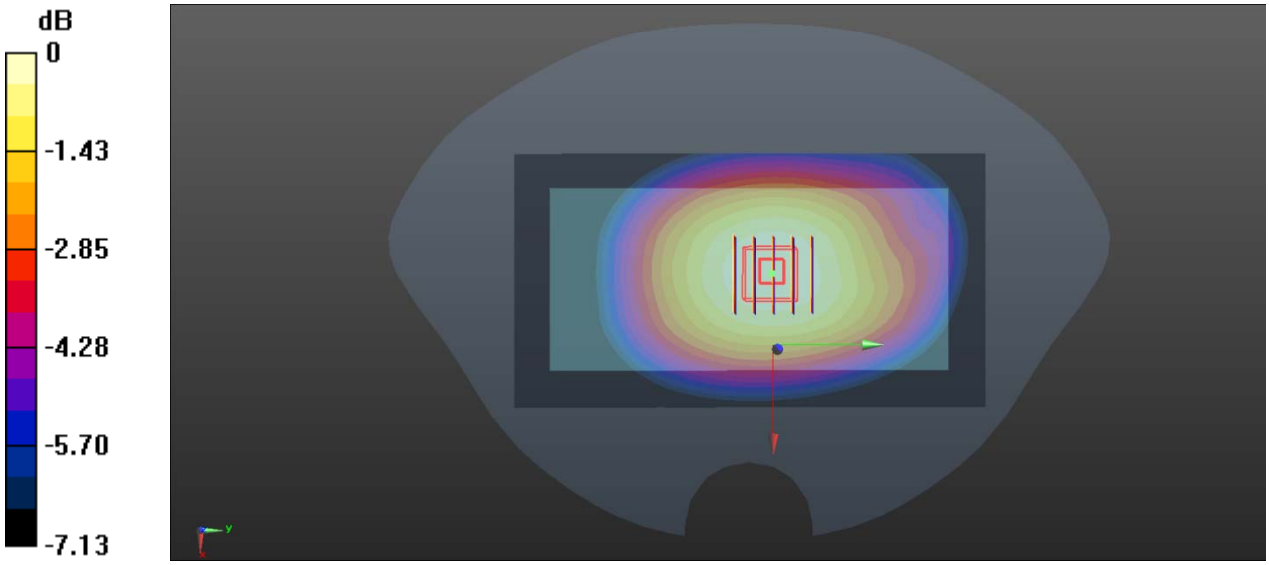
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.87 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg

MEAS.32 Body Plane with Right Edge 10mm on High Channel in LTE B12 mode With Antenna Down

Date: 2021.01.23

Communication System Band: **LTE B12**; Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used: f = 711 MHz; σ = 0.881 S/m; ε_r = 42.167; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.84, 10.84, 10.84); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23130/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

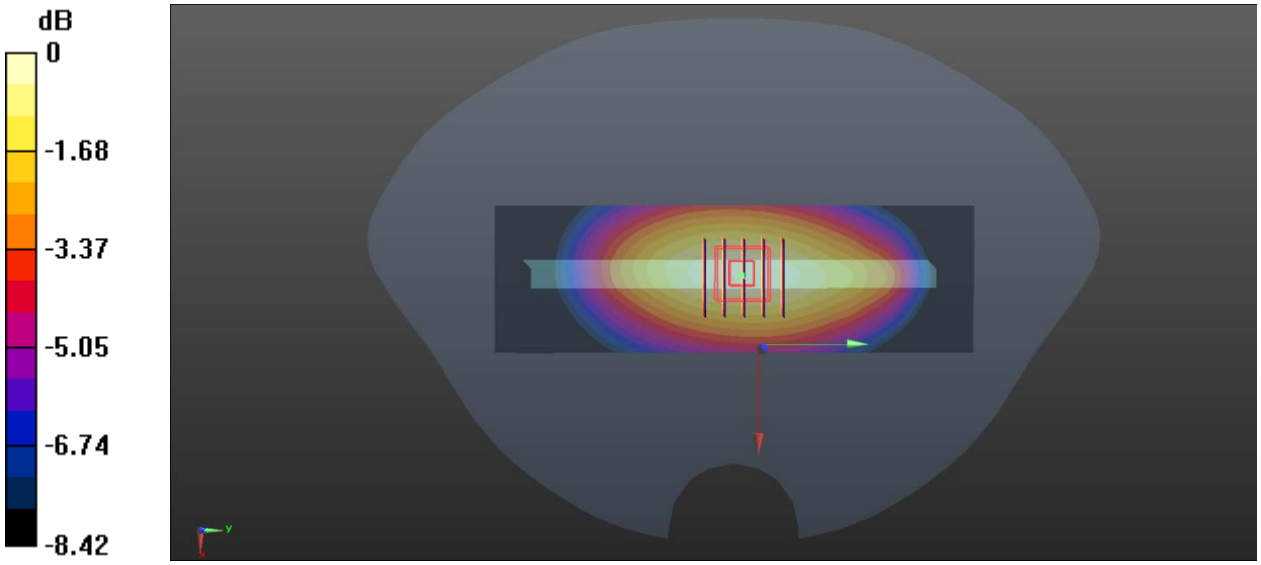
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg

MEAS.33 Right Head with Cheek on High Channel in LTE B26 mode With Antenna Up

Date: 2021.01.28

Communication System Band: **LTE B26**; Frequency: 841.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 841.5 MHz; σ = 0.926 S/m; ε_r = 41.231; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26965/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

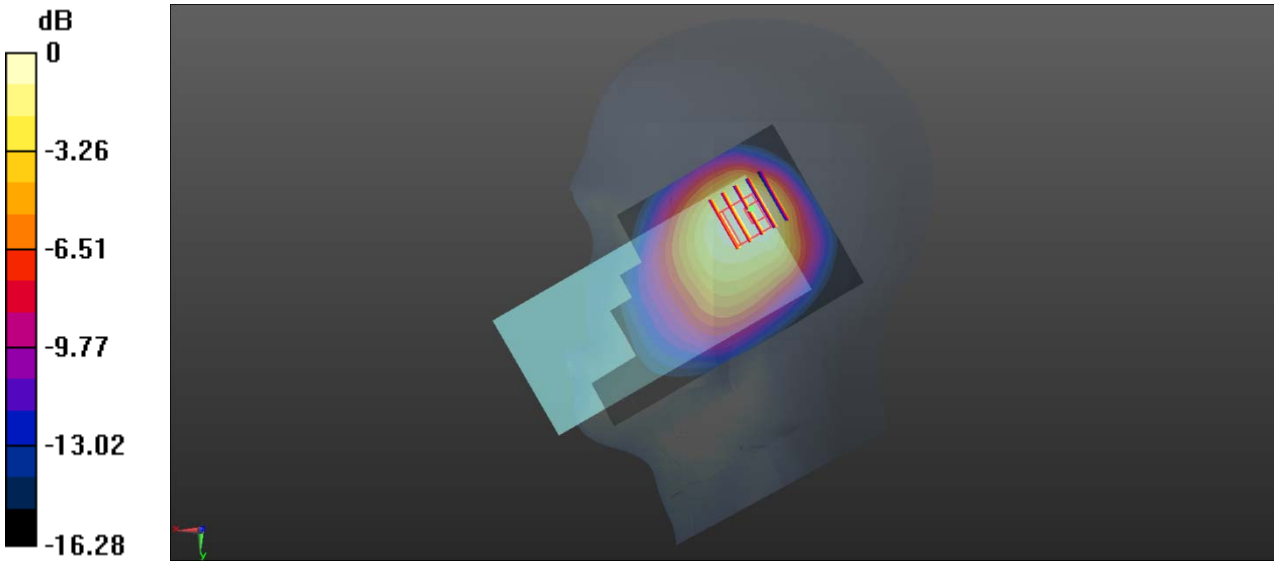
Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.58 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg

MEAS.34 Body Plane with Back Side 15mm on Middle Channel in LTE B26 mode With Antenna Down

Date: 2021.01.28

Communication System Band: **LTE B26**; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 831.5 MHz; σ = 0.897 S/m; ε_r = 41.308; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.114 W/kg

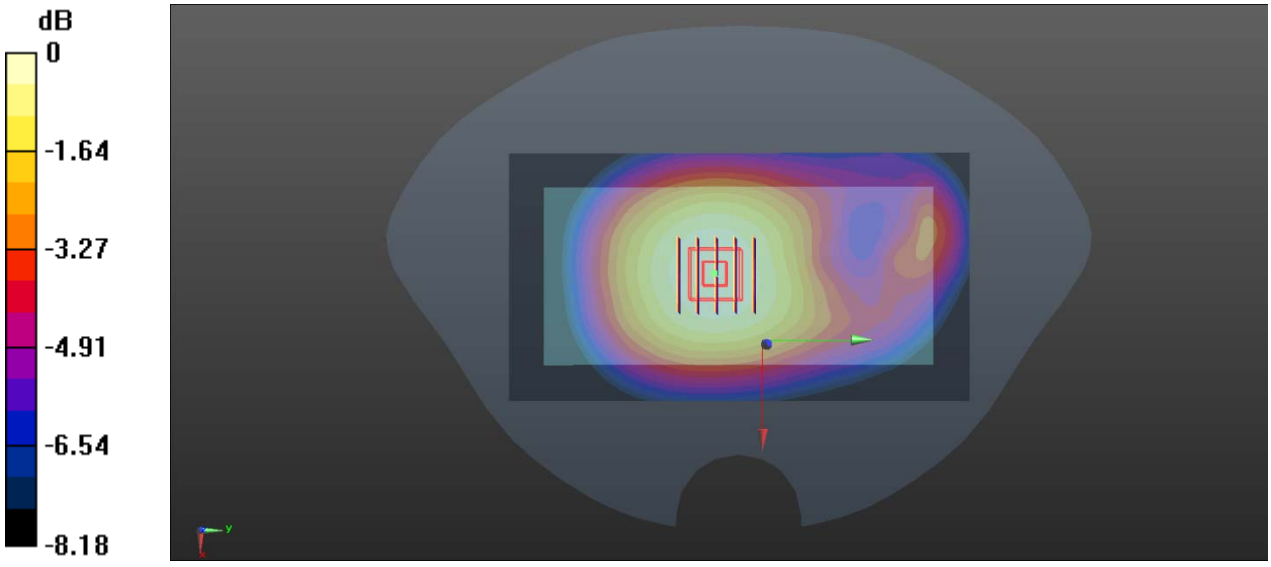
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.01 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg

MEAS.35 Body Plane with Back Side 10mm on Middle Channel in LTE B26 mode With Antenna Down

Date: 2021.01.28

Communication System Band: **LTE B26**; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 831.5 MHz; σ = 0.897 S/m; ε_r = 40.308; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(10.49, 10.49, 10.49); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

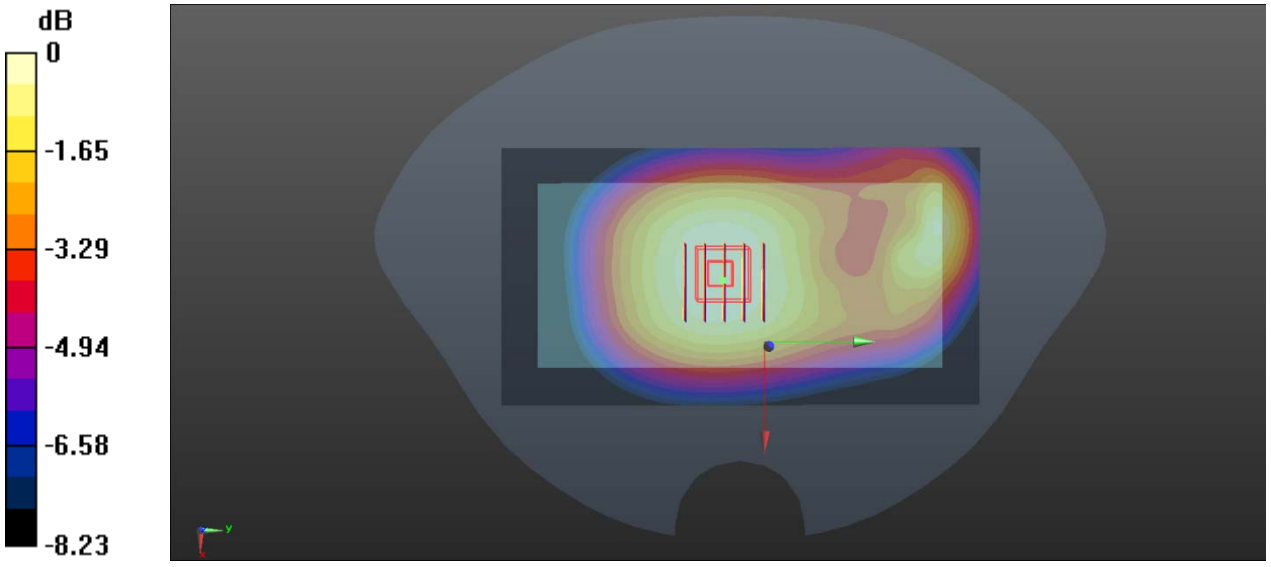
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.138 W/kg

MEAS.36 Right Head with Tilt on High Channel in LTE B66 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **LTE B66**; Frequency: 1770 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1770 MHz; σ = 1.386 S/m; ε_r = 38.869; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132572/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm.

Maximum value of SAR (interpolated) = 0.816 W/kg

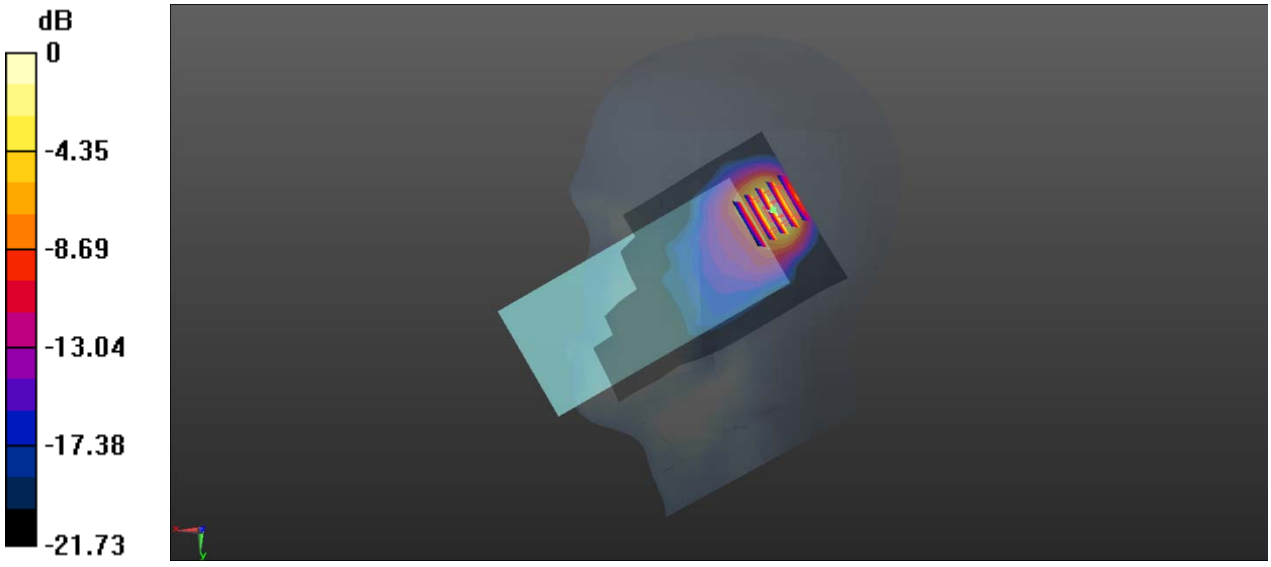
Ch132572/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.971 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.894 W/kg

MEAS.37 Body Plane with Back 15mm on High Channel in LTE B66 mode With Antenna Down

Date: 2021.01.31

Communication System Band: **LTE B66**; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.374 S/m; ε_r = 38.991; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.144 W/kg

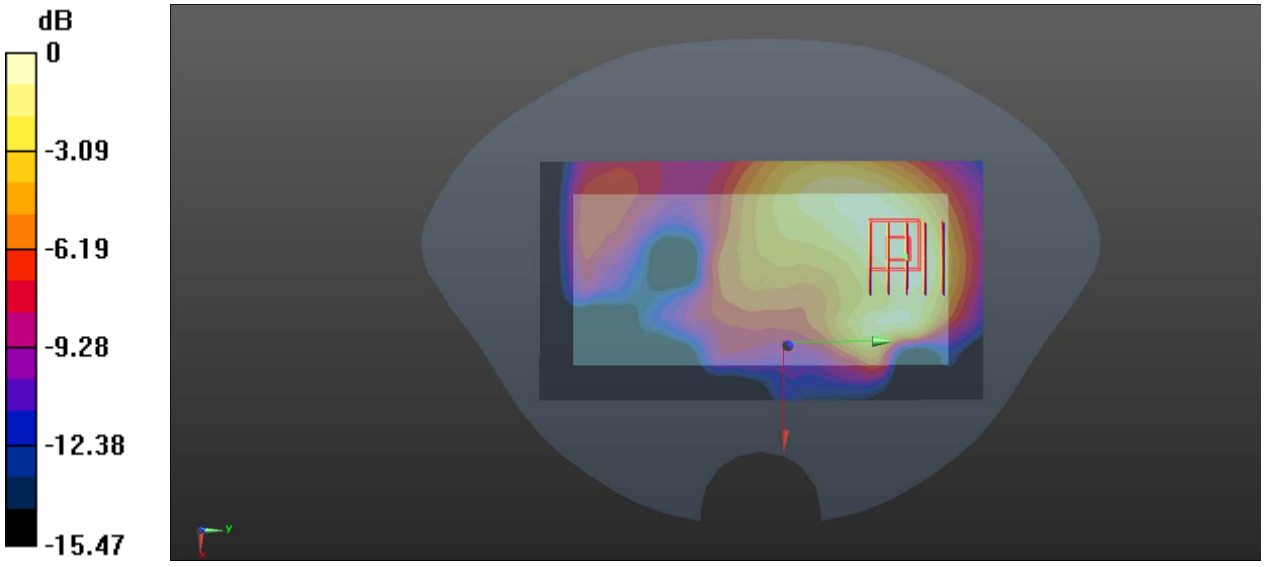
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.869 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg

MEAS.38 Body Plane with Bottom 10mm on Middle Channel in LTE B66 mode With Antenna Down

Date: 2021.01.31

Communication System Band: **LTE B66**; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.374 S/m; ε_r = 38.991; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.445 W/kg

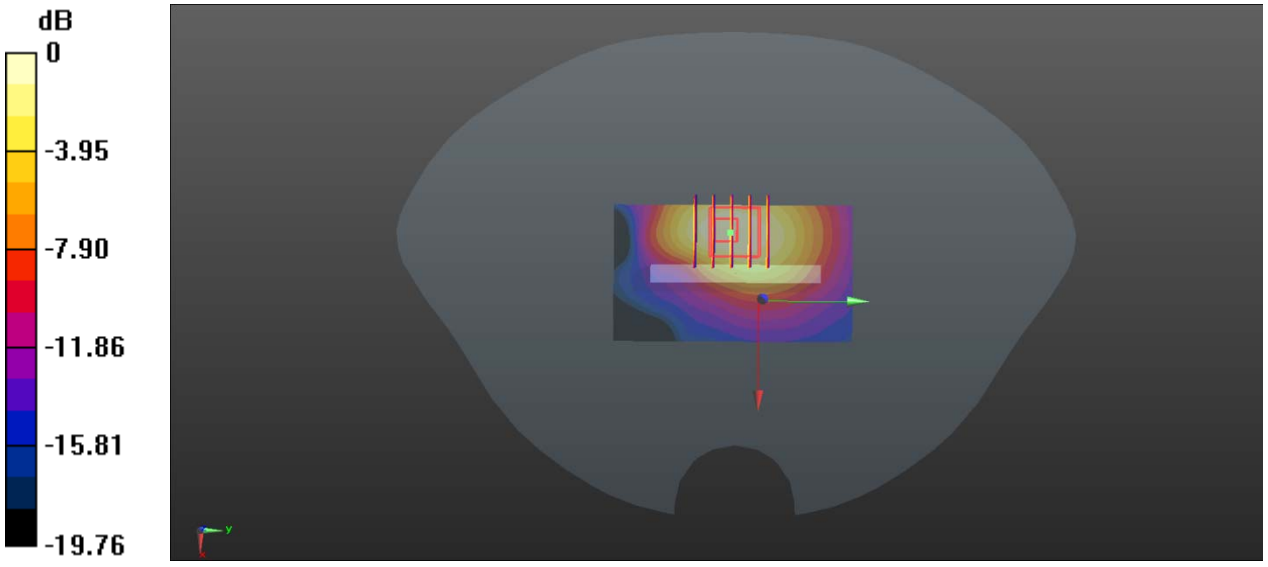
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.68 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg

MEAS.39 Body Plane with Top Edge 0mm on High Channel in LTE B66 mode With Antenna Up

Date: 2021.01.31

Communication System Band: **LTE B66**; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.374 S/m; ε_r = 38.991; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.0 Liquid Temperature:21.2

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(8.58, 8.58, 8.58); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.75 W/kg

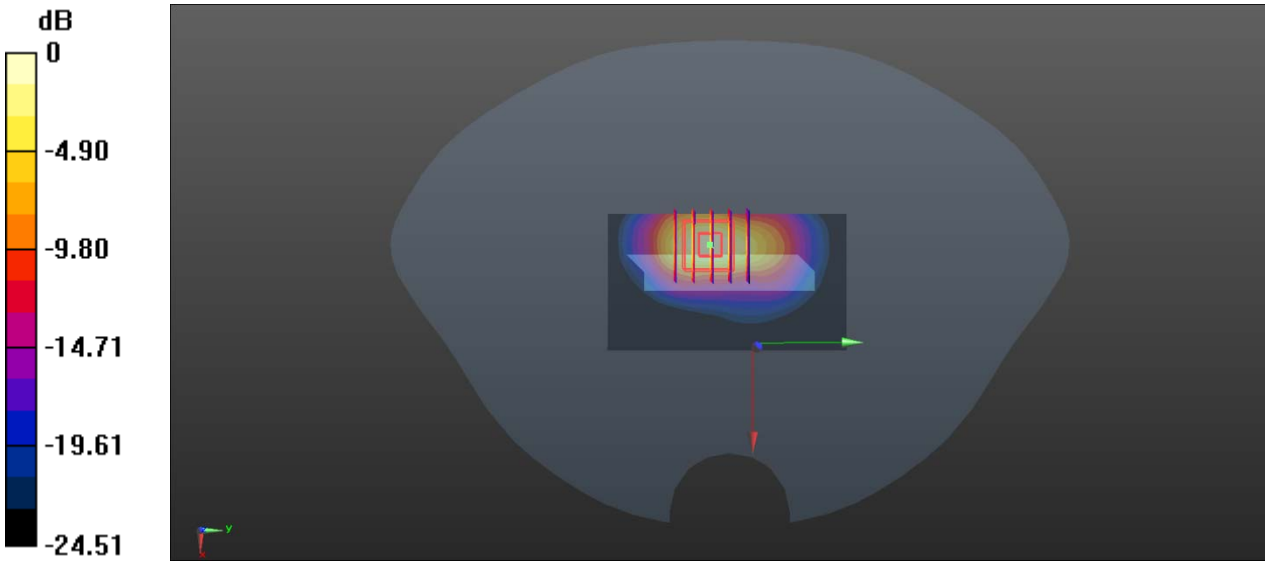
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.38 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 9.26 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.58 W/kg

Maximum value of SAR (measured) = 4.91 W/kg



0 dB = 4.91 W/kg

MEAS.40-Right Head with Tith on Low Channel in LTE B38 mode With Antenna Up

Date: 2021.02.13

Communication System Band: **LTE B38**; Frequency: 2610 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2610 MHz; σ = 1.974 S/m; ε_r = 38.011; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.803 W/kg

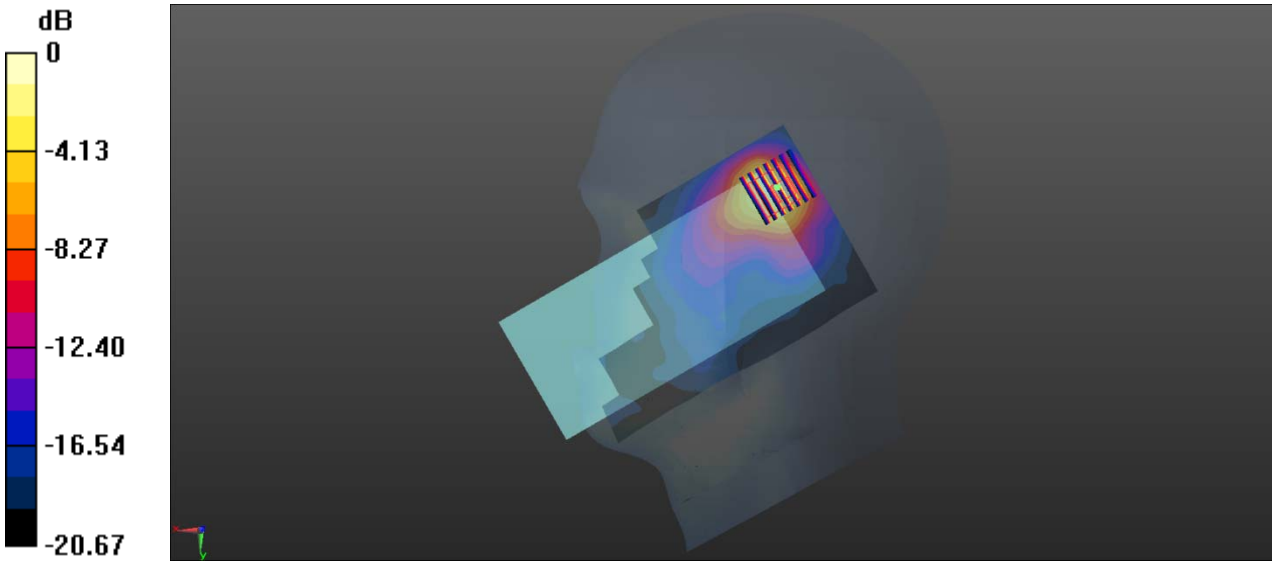
Ch38150/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.939 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg

MEAS.41-Body Plane with Back Side 15mm on Low Channel in LTE B38 mode With Antenna Up

Date: 2021.02.13

Communication System Band: **LTE B38**; Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2580 MHz; σ = 1.921 S/m; ε_r = 38.441; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.270 W/kg

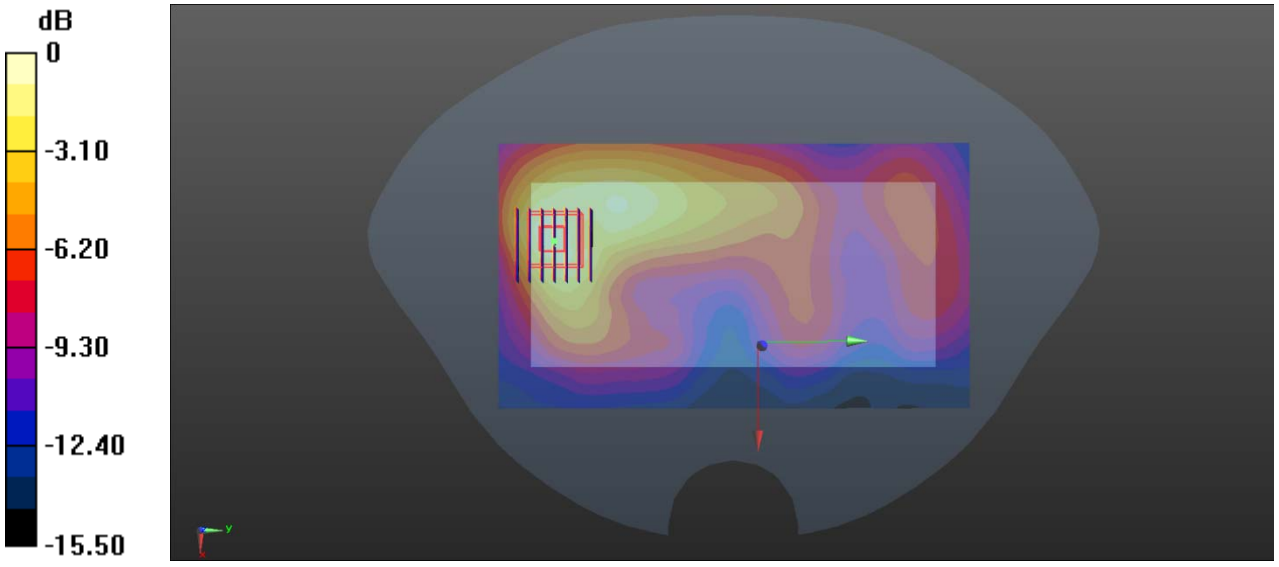
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.330 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg

MEAS.42 Body Plane with Top Edge 10mm on Low Channel in LTE B38 mode With Antenna Up

Date: 2021.02.13

Communication System Band: **LTE B38**; Frequency: 2580 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2580 MHz; σ = 1.921 S/m; ε_r = 38.441; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.3 Liquid Temperature:21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.606 W/kg

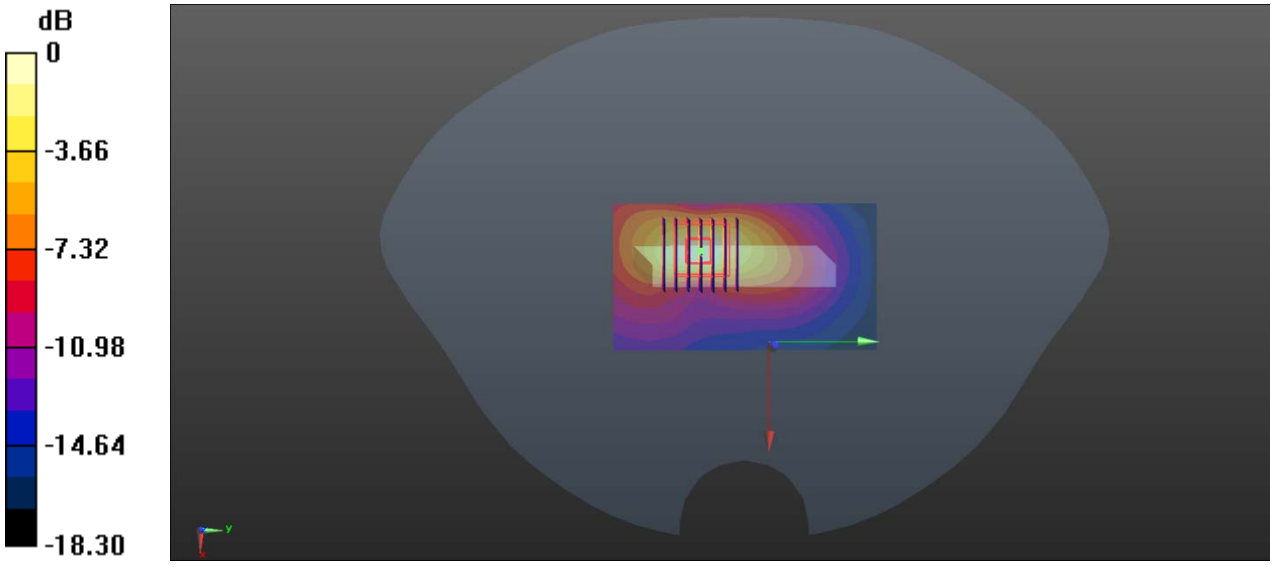
Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.272 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg

MEAS.43-Right Head with Tith on Mid Channel in LTE B41 mode With Antenna Up

Date: 2021.02.08

Communication System Band: **LTE B41**; Frequency: 2607.5 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2607.5 MHz; σ = 1.918 S/m; ε_r = 40.084; ρ = 1000 kg/m^3

Phantom section: Right Section

Ambient Temperature:22.5 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40765/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.838 W/kg

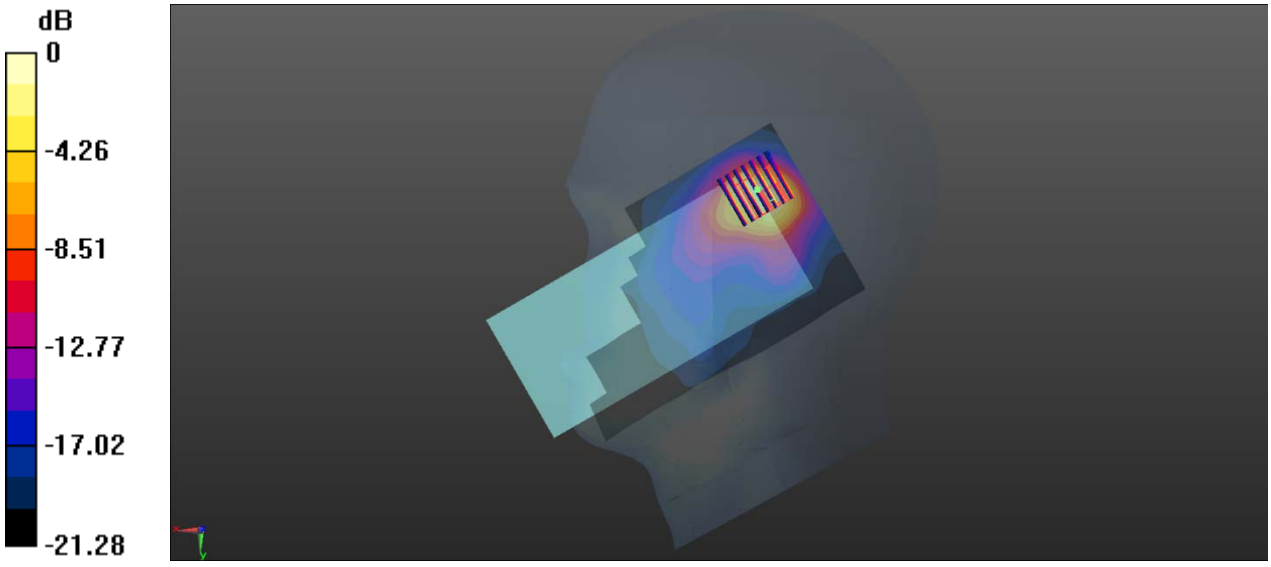
Ch40765/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

MEAS.44 Body Plane with Back Side 15mm on Low Channel in LTE B41 mode With Antenna Up

Date: 2021.02.02

Communication System Band: **LTE B41**; Frequency: 2545 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2545 MHz; σ = 1.878 S/m; ε_r = 40.878; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40140/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

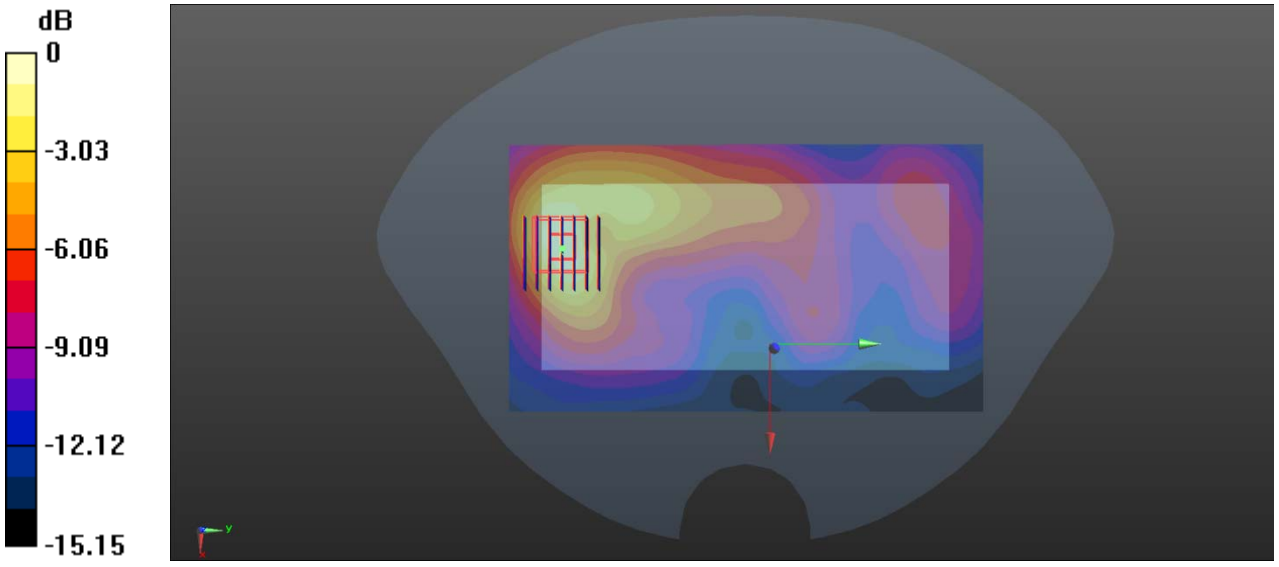
Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.532 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg

MEAS.45-Body Plane with Top Edge 10mm on Low Channel in LTE B41 mode With Antenna Up

Date: 2021.02.08

Communication System Band: **LTE B41**; Frequency: 2545 MHz;Duty Cycle: 1:1.58

Medium parameters used: f = 2545 MHz; σ = 1.878 S/m; ε_r = 40.318; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.5 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.5, 7.5, 7.5); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch40140/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

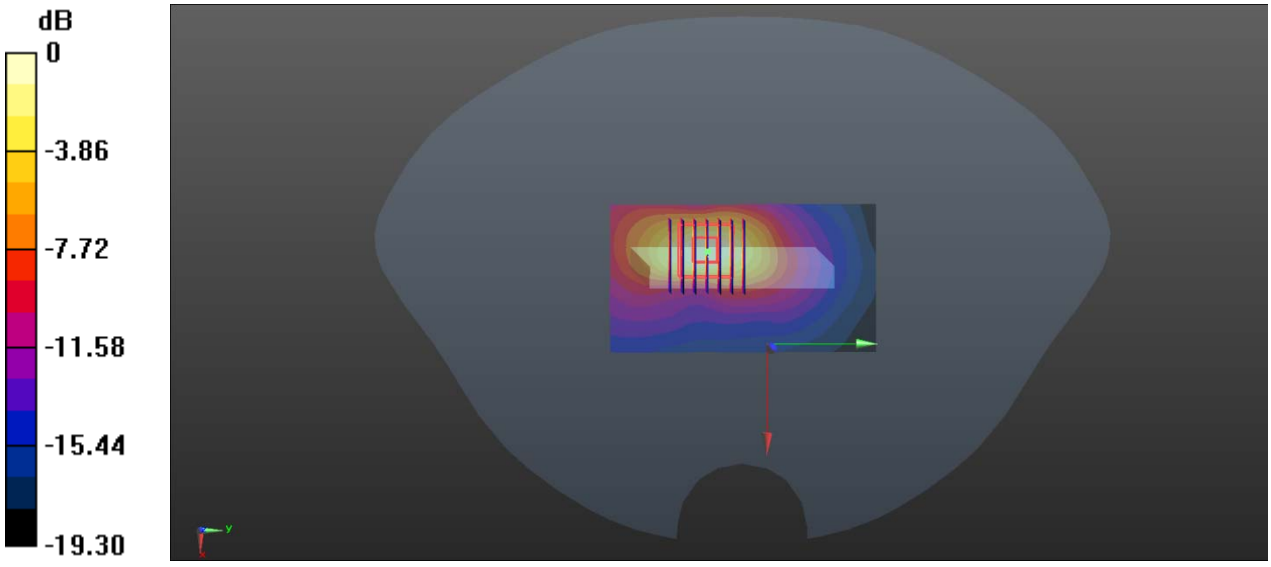
Ch40140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.742 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.729 W/kg

MEAS.46-Left Head with Cheek on Low Channel in IEEE802.11b mode

Date: 2021.02.06

Communication System Band: WLAN(b); Frequency: 2412 MHz;Duty Cycle: 1:1.011

Medium parameters used: f = 2412 MHz; σ = 1.715 S/m; ε_r = 38.922; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.395 W/kg

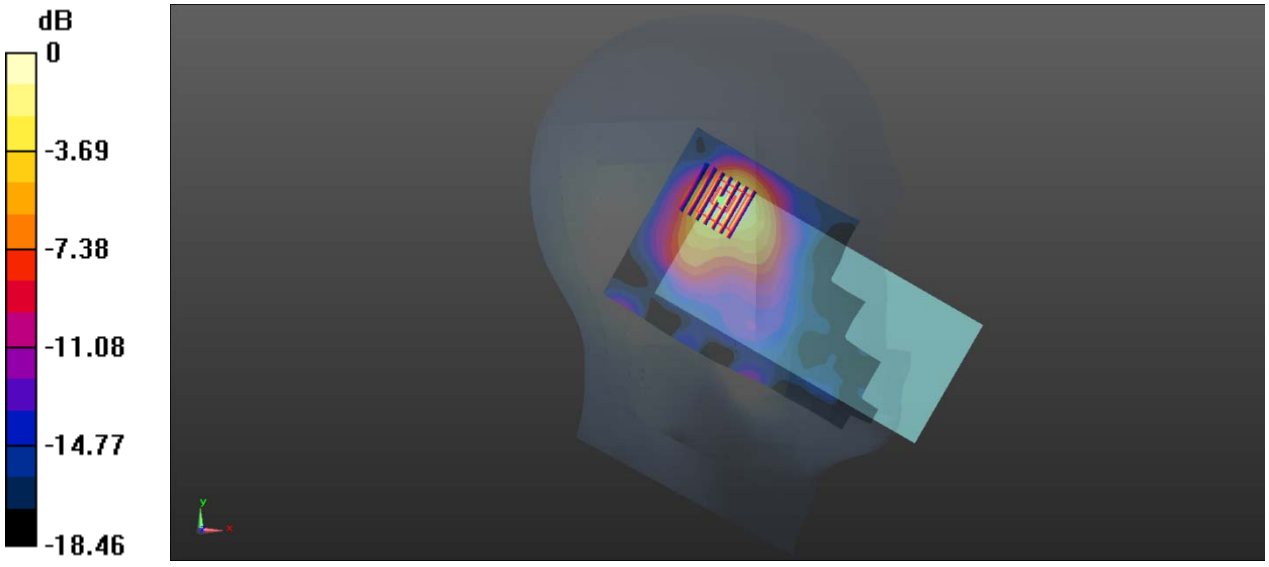
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.142 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg

MEAS.47-Body Plane with Back Side 15mm on Low Channel in IEEE802.11b mode

Date: 2021.02.06

Communication System Band: **WLAN(b)**; Frequency: 2412 MHz;Duty Cycle: 1:1.011

Medium parameters used: f = 2412 MHz; σ = 1.715 S/m; ε_r = 38.922; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0919 W/kg

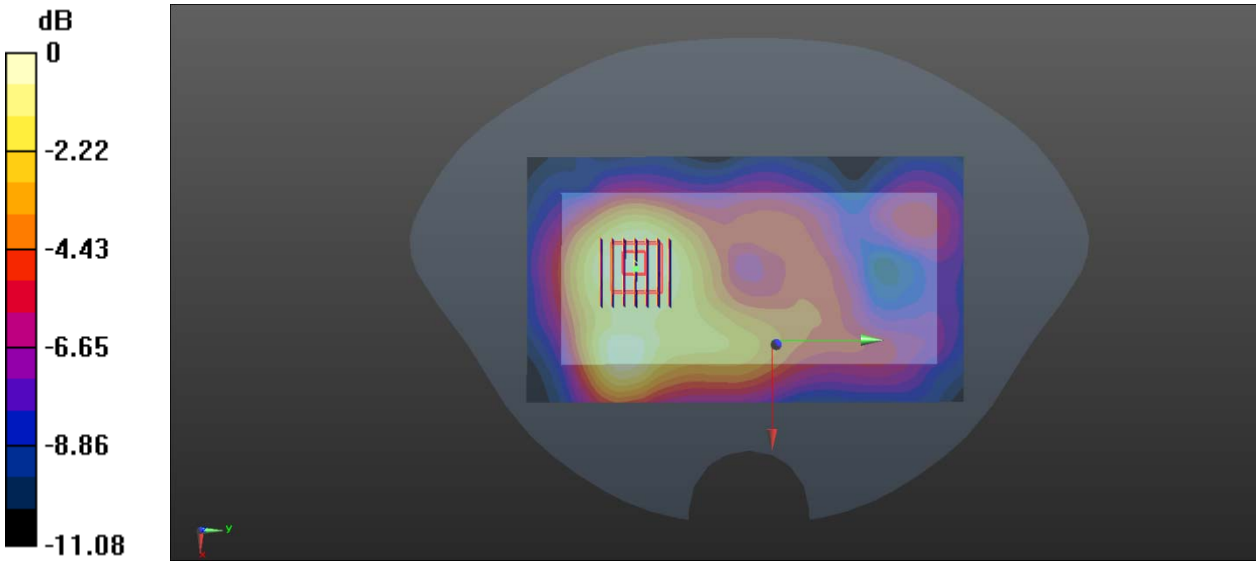
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.696 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0911 W/kg



0 dB = 0.0911 W/kg

MEAS.48-Body Plane with Top Edge 10mm on Low Channel in IEEE802.11b mode

Date: 2021.02.06

Communication System Band: **WLAN(b)**; Frequency: 2412 MHz;Duty Cycle: 1:1.011

Medium parameters used: f = 2412 MHz; σ = 1.715 S/m; ε_r = 38.922; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

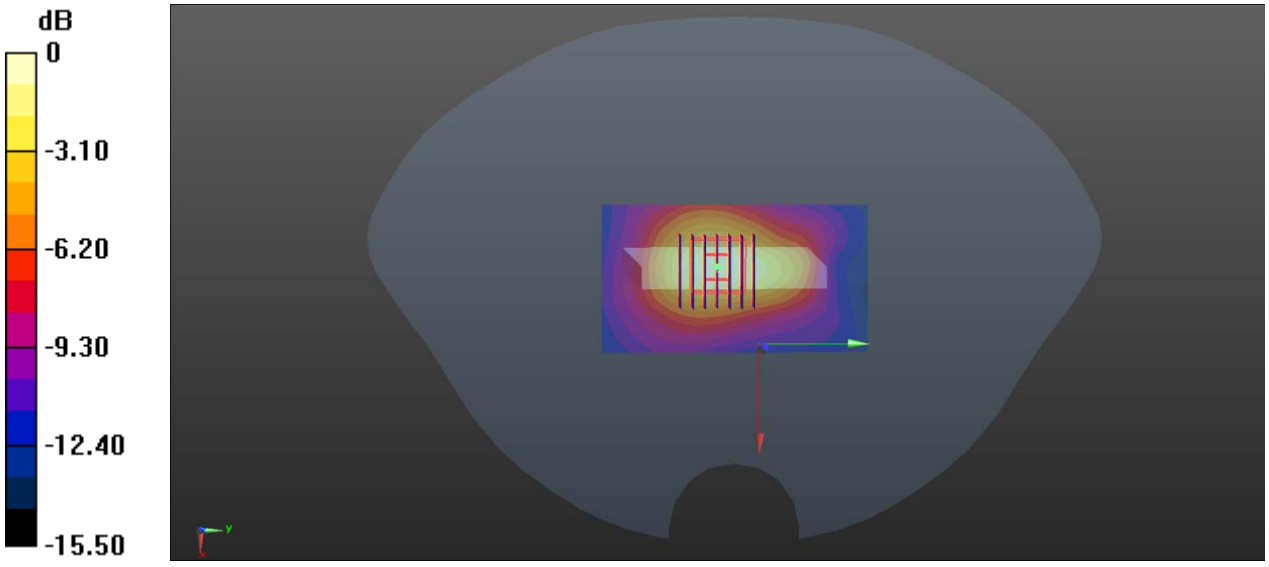
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.176 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg

MEAS.49-Left Head with Tilt on Channel 52 in IEEE802.11a mode

Date: 2021.02.17

Communication System Band: WLAN(a); Frequency: 5260 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5260 MHz; σ = 4.705 S/m; ε_r = 36.679; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.9 Liquid Temperature:21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.223 W/kg

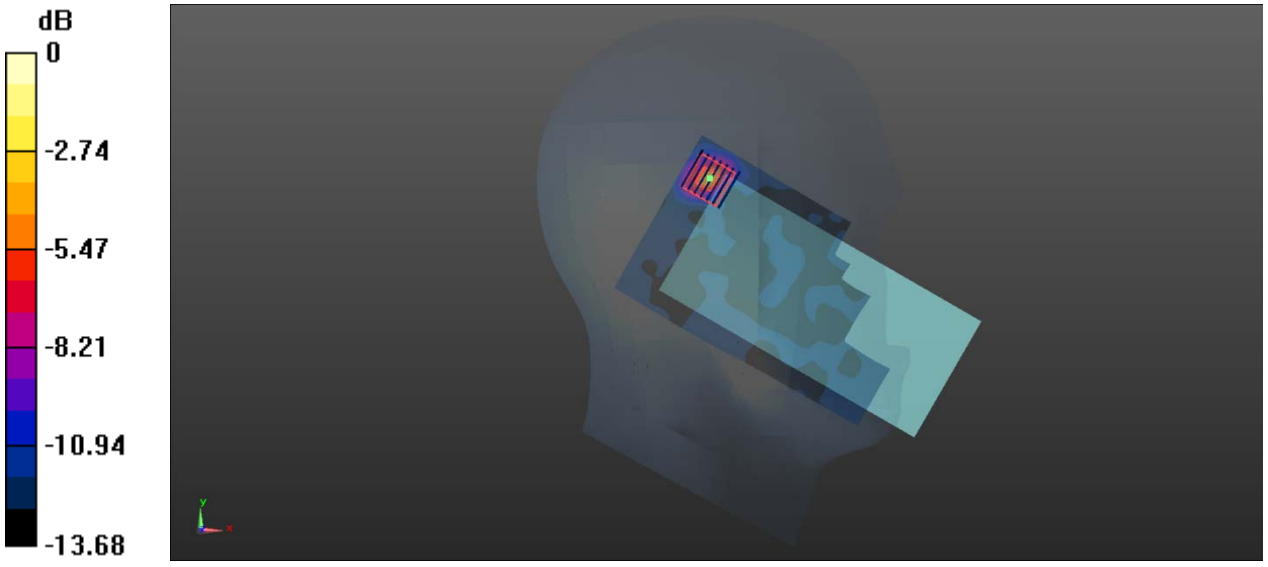
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.333 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg

MEAS.50-Left Head with Tilt on Channel 116 in IEEE802.11a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5580 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5580 MHz; σ = 5.022 S/m; ε_r = 36.311; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5, 5, 5); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

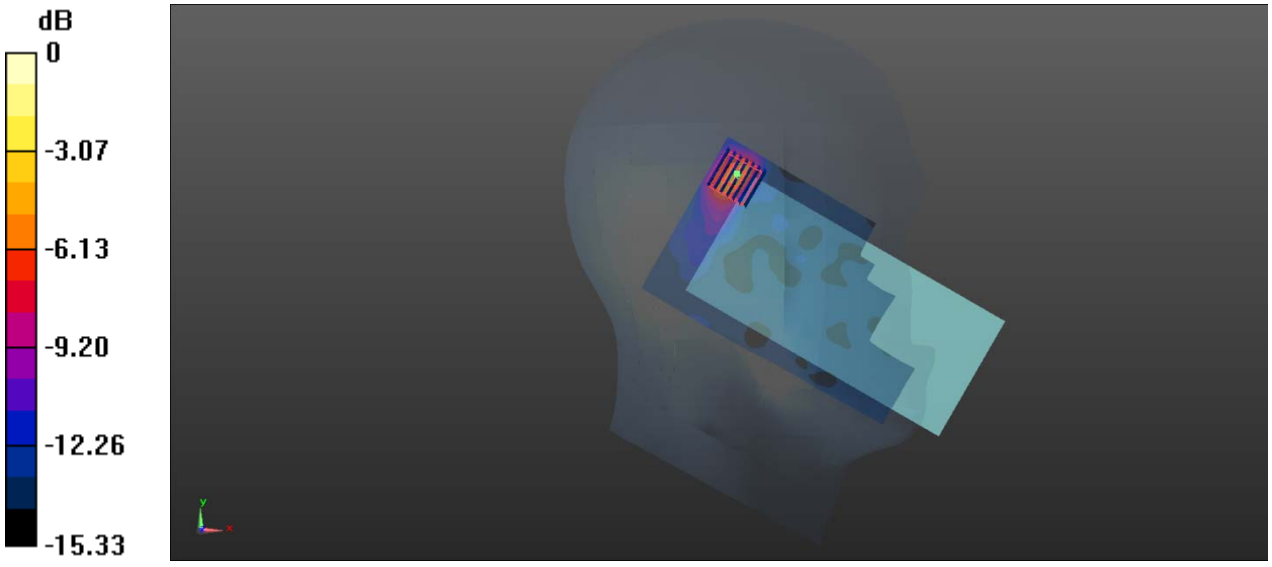
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.424 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.646 W/kg

MEAS.51-Left Head with Tilt on Channel 149 in IEEE802.1a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5745 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5745 MHz; σ = 5.312 S/m; ε_r = 34.965; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.86, 4.86, 4.86); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

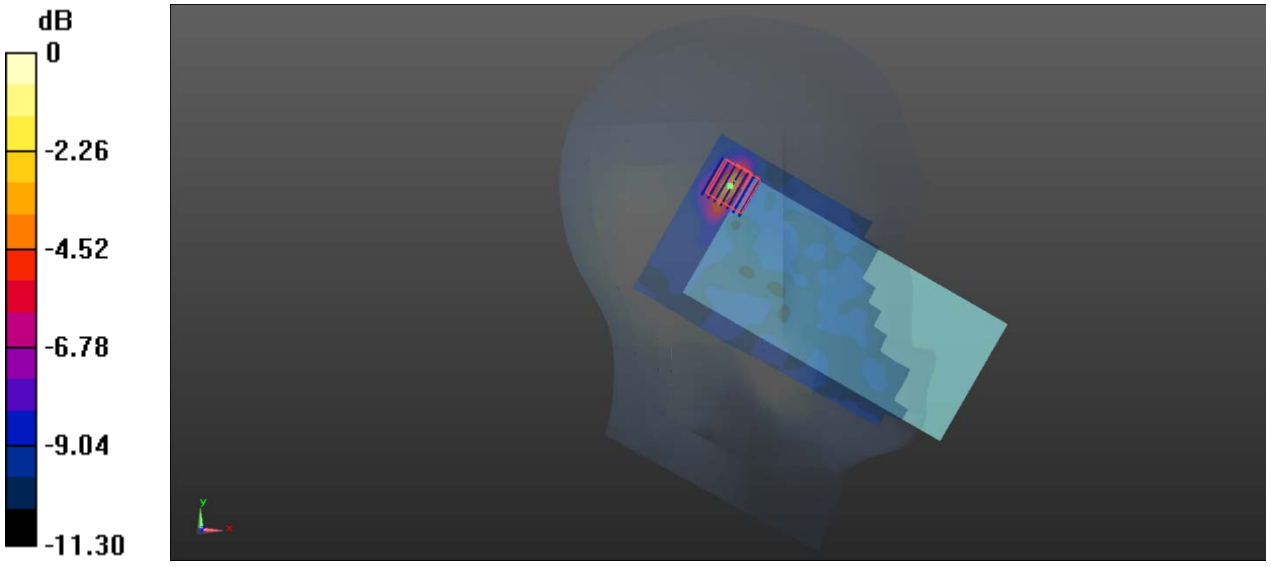
Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.748 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.00816 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg

MEAS.52-Body Plane with Back Side 15mm on Channel 52 in IEEE802.11a mode

Date: 2021.02.17

Communication System Band: WLAN(a); Frequency: 5260 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5260 MHz; σ = 4.705 S/m; ε_r = 36.679; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.220 W/kg

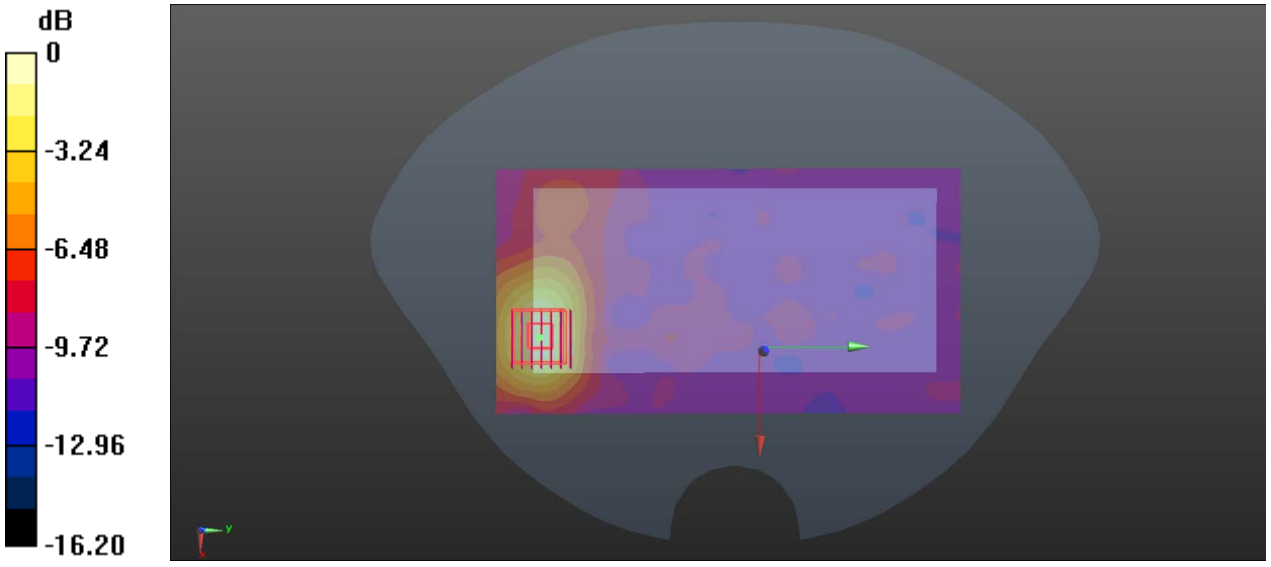
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.000 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg

MEAS.53-Body Plane with Back Side 15mm on Channel 116 in IEEE802.11a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5580 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5580 MHz; σ = 5.022 S/m; ε_r = 36.331; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5, 5, 5); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.405 W/kg

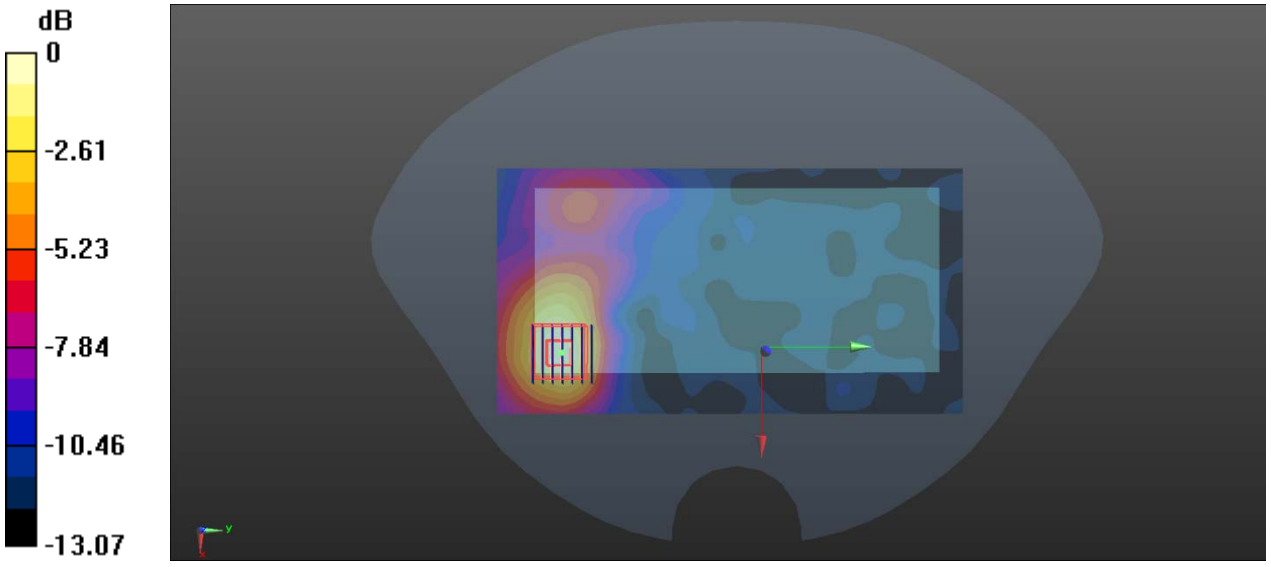
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.162 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.393 W/kg



0 dB = 0.393 W/kg

MEAS.54-Body Plane with Back Side 15mm on Channel 149 in IEEE802.11a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5745 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5745 MHz; σ = 5.312 S/m; ε_r = 34.965; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.86, 4.86, 4.86); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.201 W/kg

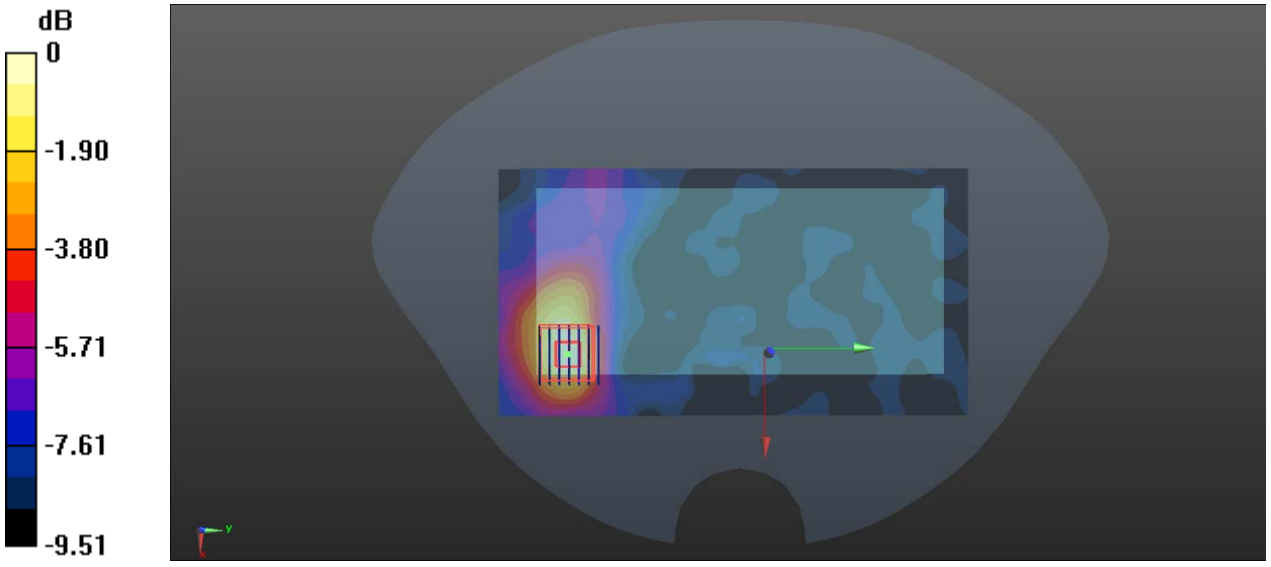
Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.344 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg

MEAS.55-Body Plane with Top Edge on 10mm Channel 46 in IEEE802.11n40 mode

Date: 2021.02.17

Communication System Band: WLAN(ac) 40Mhz; Frequency: 5230 MHz;Duty Cycle: 1:1.037

Medium parameters used: f = 5230 MHz; σ = 4.622 S/m; ε_r = 36.788; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch46/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

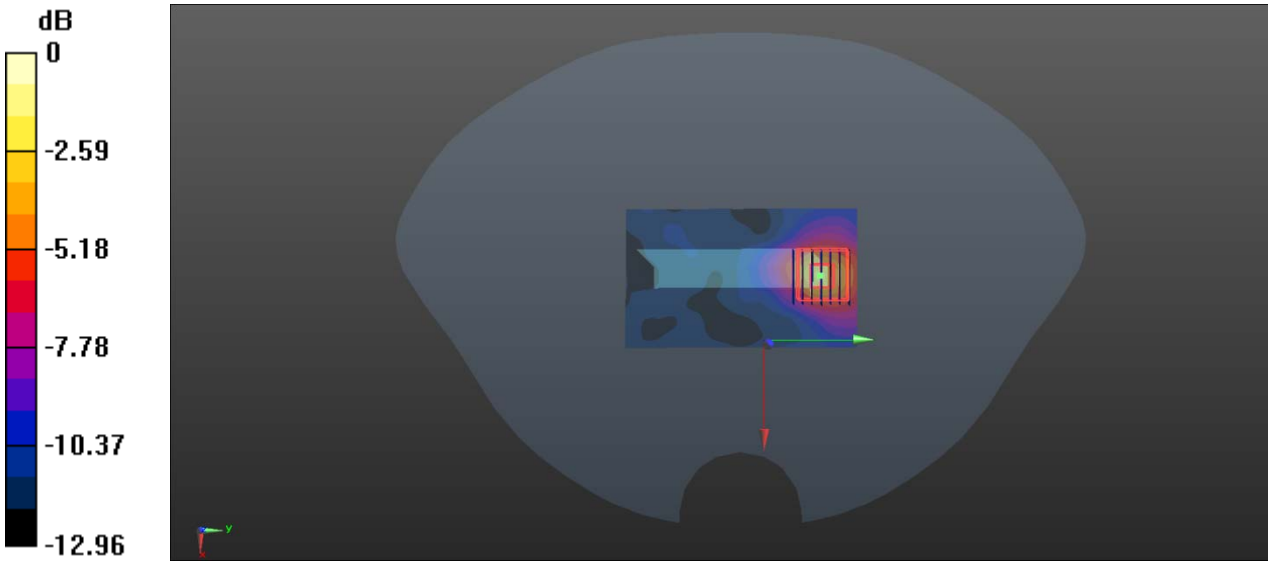
Ch46/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.026 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg

MEAS.56-Body Plane with Top Edge 10mm on Channel 149 in IEEE802.11a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5745 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5745 MHz; σ = 5.312 S/m; ε_r = 34.965; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(4.86, 4.86, 4.86); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.120 W/kg

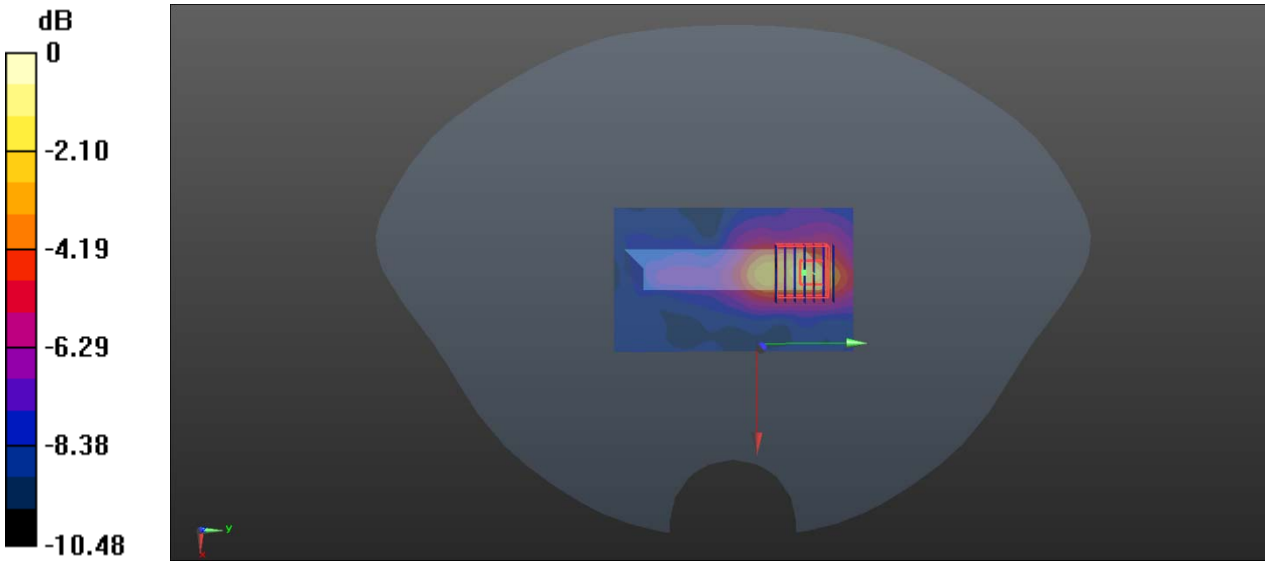
Ch149/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.324 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg

MEAS.57-Body Plane with Top Edge 0mm on Channel 52 in IEEE802.11a mode

Date: 2021.02.17

Communication System Band: WLAN(a); Frequency: 5260 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5260 MHz; σ = 4.72 S/m; ε_r = 35.9; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.9 Liquid Temperature:21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5.46, 5.46, 5.46); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

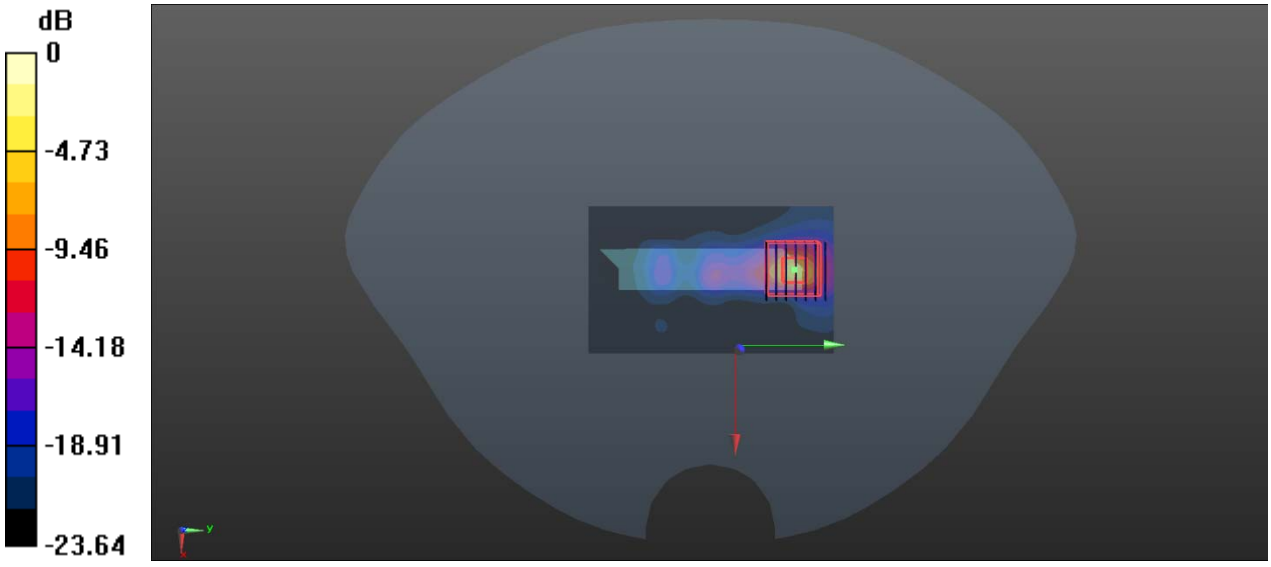
Ch52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.230 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 4.09 W/kg



0 dB = 4.09 W/kg

MEAS.58-Body Plane with Top Edge 0mm on Channel 116 in IEEE802.11a mode

Date: 2021.02.19

Communication System Band: WLAN(a); Frequency: 5580 MHz;Duty Cycle: 1:1.016

Medium parameters used: f = 5580 MHz; σ = 5.022 S/m; ε_r = 36.331; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.6 Liquid Temperature:21.7

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(5, 5, 5); Calibrated: 2020.08.07;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch116/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.52 W/kg

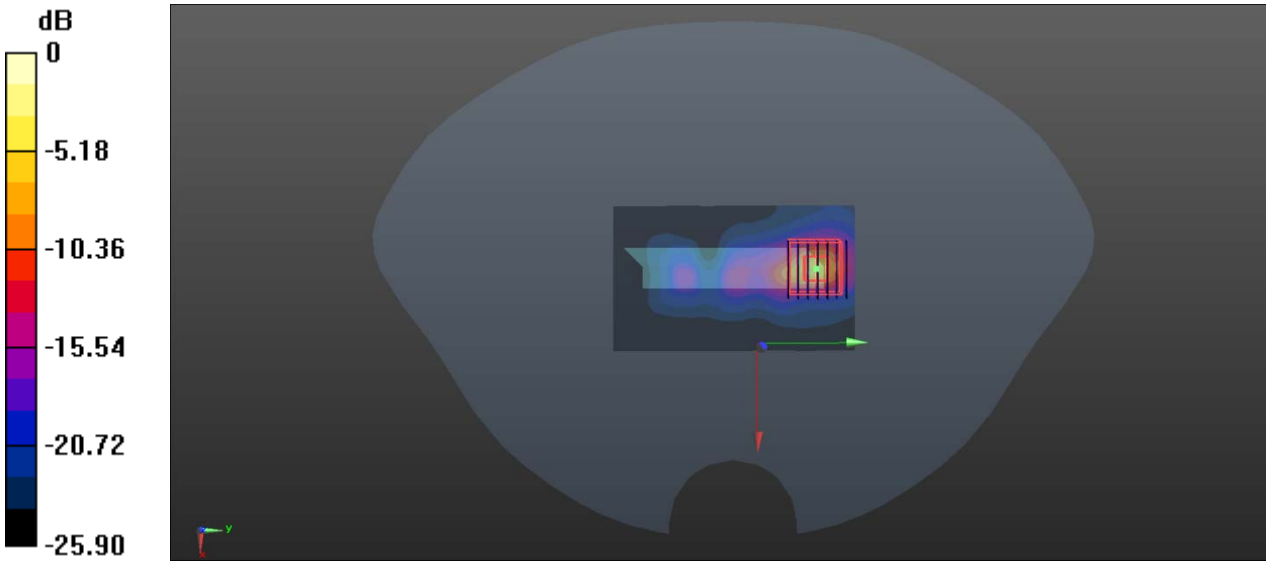
Ch116/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.847 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(1 g) = 2.88 W/kg; SAR(10 g) = 0.609 W/kg

Maximum value of SAR (measured) = 8.23 W/kg



0 dB = 8.23 W/kg

MEAS.59-Left Head with Cheek on Middle Channel in Bluetooth DH5 mode

Date: 2021.02.06

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.299

Medium parameters used: f = 2441 MHz; σ = 1.745 S/m; ε_r = 38.772; ρ = 1000 kg/m^3

Phantom section: Left Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

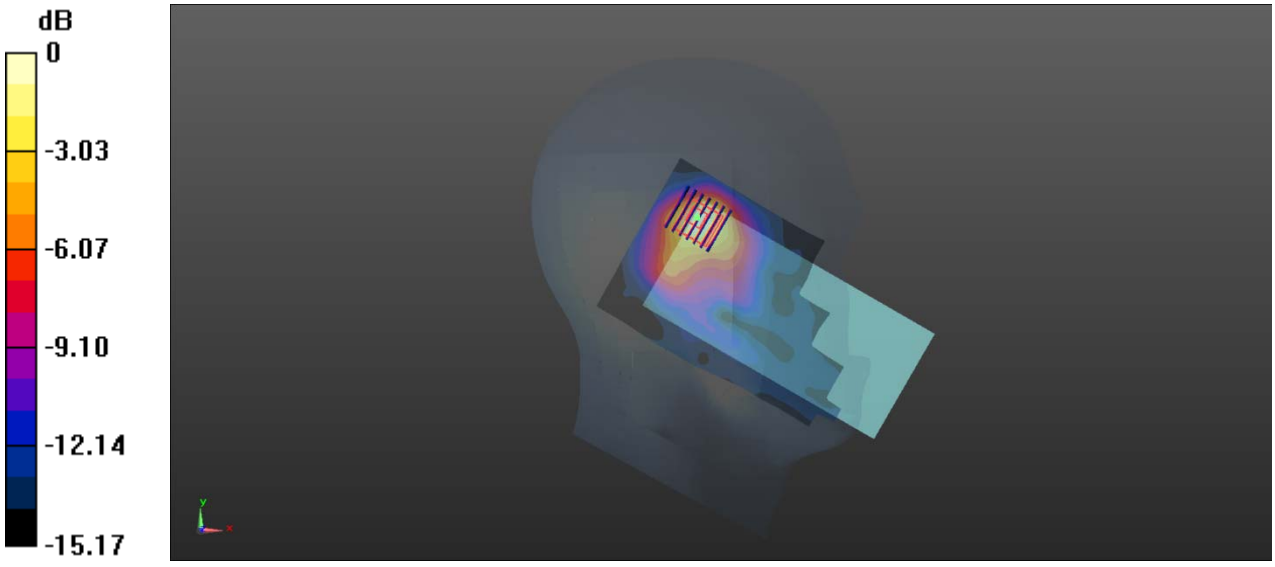
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.652 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg

MEAS.60-Body Plane with Back Side 15mm on Low Channel in Bluetooth DH5 mode

Date: 2021.02.06

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.299

Medium parameters used: f = 2441 MHz; σ = 1.745 S/m; ε_r = 38.772; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0269 W/kg

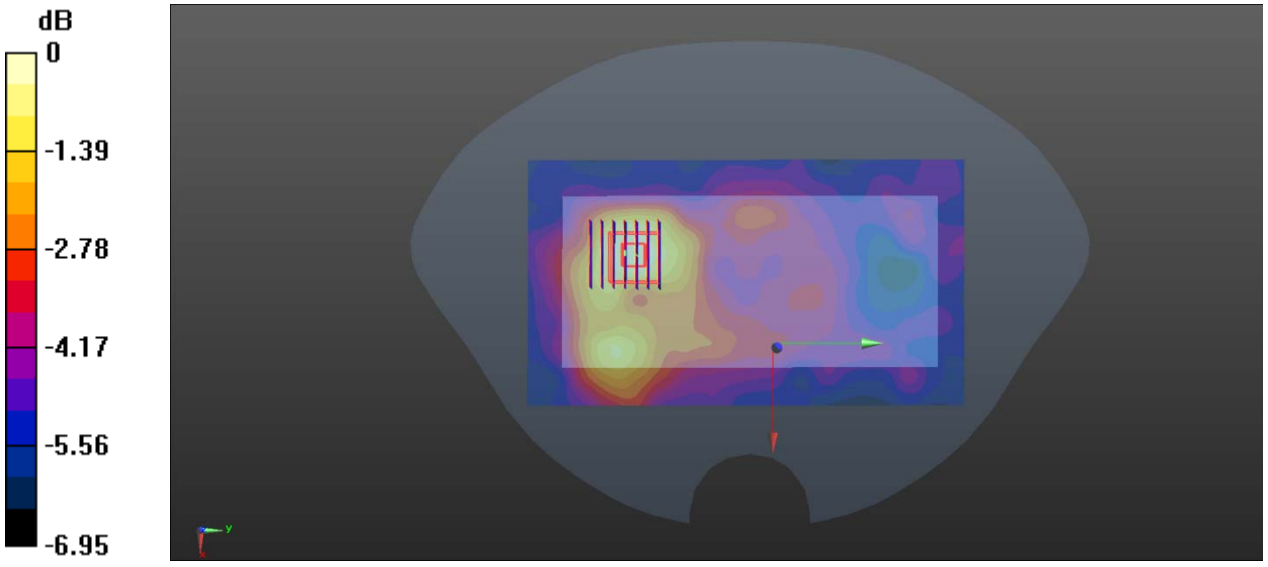
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.112 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0253 W/kg



0 dB = 0.0253 W/kg

MEAS.61-Body Plane with Top Edge 10mm on Low Channel in Bluetooth DH5 mode

Date: 2021.02.06

Communication System Band: BT; Frequency: 2441 MHz;Duty Cycle: 1:1.299

Medium parameters used: f = 2441 MHz; σ = 1.745 S/m; ε_r = 38.772; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient Temperature:22.2 Liquid Temperature:21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN7607; ConvF(7.66, 7.66, 7.66); Calibrated: 2020.08.07;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn878; Calibrated: 2020.09.30
- Phantom: SAM (30deg probe tilt) with CRP v5.0 on left 1857; Type: QD000P40CD; Serial: TP:1857
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0431 W/kg

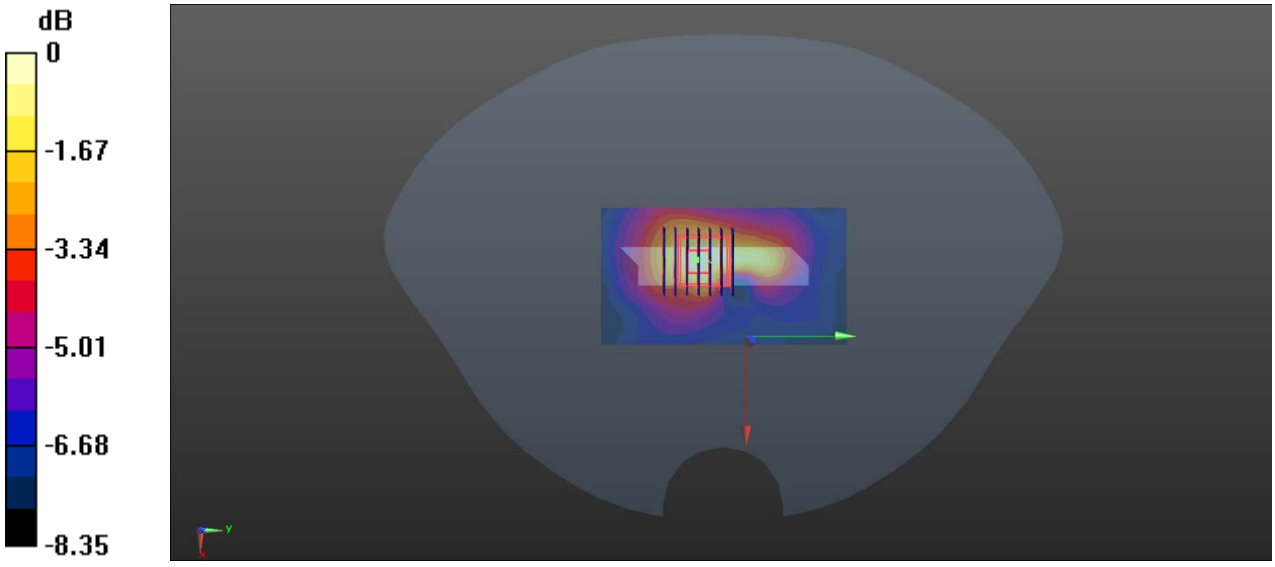
Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.962 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0418 W/kg



0 dB = 0.0418 W/kg

ANNEX D EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2110327-AW.pdf”.

ANNEX E SAR TEST SETUP PHOTOS

Please refer the document “BL-SZ2110327-AS.pdf”.

ANNEX F CALIBRATION REPORT

Please refer the document “CALIBRATION REPORT.pdf”.

--END OF REPORT--